

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

20

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

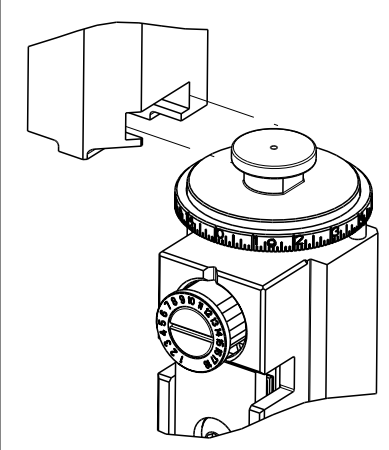
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151169-1

B

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151169-2

B

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

SERVO LATCH PLATE

2119951-1

-

8-2151169-5

1901094-3

-

2168400-6 (QUANTITY 2)

2151169-5

B

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2119949-1

1338685-1

5-18022-5

2119653-1

-

-

2151169-6

B

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151169-7

B

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151169-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

1.78 mm [.070]

F

INSUL

1.78 mm [.070]

F

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .040 II RECEPTACLE CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.00-4.50 mm [.157-.177 IN]

Ø1.10-2.10 mm [.043-.083 IN]

TERMINAL APPLICATION SPECIFICATION

(A)114-5159

-

-

(B)114-5197

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

(A) 175265-1

(A) 175266-2

(A) 175266-5

(A) 175266-7

(B) 179963-1

(B) 179964-2

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

0.85mm2

1.17+/-0.05 [.046+/- .002]

6.2

0.50mm2

1.03+/-0.05 [.041+/- .002]

7.4

0.30mm2

0.94+/-0.05 [.037+/- .002]

8.4

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: 8-2151169-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151169-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151169-5  
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151169-6

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 ITEM 62 & 242.  
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 37 & 242.

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

CUT TO LENGTH AT ASSEMBLY.

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

2119599-1

A

66

REVISIONS

DESCRIPTION

DATE

OWN

APVD

B1

ECR-14-008214

02JUN2014

LG

JT

-

-

-

-

1

-

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

-

-

-

1

-

2119641-1

FEED CAM, AIR FEED

248

-

1

-

1

1

1

2119798-1

DETENT PIN

247

-

1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

-

-

-

2119758-1

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

245

-

1

1

1

1

1

2119082-8

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

-

1

1

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

-

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

-

-

2119740-2

TAG,IDENTIFICATION

213

-

-

1

1

-

-

1901094-3

SPACER, FEEDER

198

-

-

-

-

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

-

-

-

-

1

-

240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

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

137

-

-

-

-

1

-

2119799-1

HOLDER,FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

-

1633743-1

SERVO FEED LATCH ASM

133

-

-

REF

REF

-

-

2119944-1

FEED FINGER ASSEMBLY,SF

117

-

1

1

1

1

1

455888-6

SPACER, CRIMPER

82

-

1

1

1

1

1

5-547505-2

SPRING, COMPRESSION

77

-

1

1

1

1

1

854769-4

HOLDER, INS

74

-

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

1

1

1

1

2119791-5

DEPRESSOR, WIRE

70

-

1

-

-

1

1

2119740-1

TAG,IDENTIFICATION

67

-

2

2

2

2

2

2168078-1

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

66

-

1

1

1

1

1

2119791-9

DEPRESSOR, WIRE

65

-

1

-

1

1

1

2119793-1

LIMITER, ADJUSTMENT BOLT

63

-

3

-

3

3

3

992763-5

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

62

-

1

1

1

1

1

2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

-

-

-

-

1

1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

1

1

1

1

1

21028-2

PIN, SLOTTED SPRING .062 X .250

58

-

-

-

-

1

1

1338685-1

PAWL, FEED

56

-

4

4

4

4

4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

-

2

2

2

2

2

2168083-3

SCR, SKT HD CAP, RoHS, M4 X 12.0

53

-

1

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

1

1

1

1

1

690753-2

SPACER, TONKER

50

-

-

-

-

1

2

18023-9

SCR, SKT HD CAP M4 X 6.0

49

-

-

-

-

-

1

2119652-1

FEED CAM, PRE FEED

48

-

-

-

-

-

1

2119653-1

FEED CAM, POST FEED

47

-

1

1

1

1

1

2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

-

1

-

1

1

1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

-

1

1

1

1

1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

-

1

-

1

1

1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

-

1

-

1

1

1

2119957-1

APPLICATOR SHIM PACK

39

-

1

1

1

1

1

2119644-1

RAM WASHER, PRECISION

38

-

1

1

1

1

1

2119085-1

FA HEAD, ATLANTIC STYLE

37

-

1

-

1

1

1

2119092-1

BOLT, ADJUSTMENT

35

-

1

1

1

1

1

1752356-1

SUPPORT, TERMINAL

34

-

2

2

2

2

2

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

-

1

1

1

1

1

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

-

1

1

1

1

1

1-1320908-0

SPACER, STRIP GUIDE

30

-

1

1

1

1

1

2119959-1

ASSEMBLY, STRIP GUIDE

29

-

1

1

1

1

1

1320928-2

STRIP GUIDE

24

-

1

1

1

1

1

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

-

1

1

1

1

1

1-18028-2

WASHER, FLAT, REG M4

20

-

1

1

1

1

1

2119533-1

STRIPPER, SIDE FEED

19

-

1

1

1

1

1

2119806-1

INSERT, SHEAR

13

-

1

1

1

1

1

3-22280-3

SPRING, COMPRESSION

12

-

1

1

1

1

1

1-356885-4

STOP, SHEAR

11

-

1

1

1

1

1

2119805-1

SHEAR HOLDER, FRONT

10

-

1

1

1

1

1

1803095-1

FLOATING SHEAR, FRONT

9

-

1

1

1

1

1

8-1333203-5

ANVIL, COMBINATION

8

-

1

1

1

1

1

2119780-9

DEPRESSOR, SHEAR

5

-

1

1

1

1

1

238011-7

BLOCK, CRIMPER SPACER

4

-

1

1

1

1

1

2-1803017-2

CRIMPER, INSULATION F

3

-

1

1

1

1

1

455888-4

SPACER, CRIMPER

2

-

1

1

1

1

1

3-456404-5

CRIMPER, WIRE PREMIUM

1

AMP 4805 REV 31MAR2000

Pro/ENGINEER DRAWING

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

1.78 mm [.070]

F

INSUL

1.78 mm [.070]

F

APPLICATOR INSTRUCTIONS

408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .040 II RECEPTACLE CONTACT

WIRE STRIP LENGTH

INSULATION DIAMETER RANGE

4.00-4.50 mm [.157-.177 IN]

Ø1.10-2.10 mm [.043-.083 IN]

TERMINAL APPLICATION SPECIFICATION

(A)114-5159

-

-

(B)114-5197

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

(A) 175265-1

(A) 175266-2

(A) 175266-5

(A) 175266-7

(B) 179963-1

(B) 179964-2

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

0.85mm2

1.17+/-0.05 [.046+/- .002]

6.2

0.50mm2

1.03+/-0.05 [.041+/- .002]

7.4

0.30mm2

0.94+/-0.05 [.037+/- .002]

8.4

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: 8-2151169-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151169-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151169-5  
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151169-6

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 ITEM 62 & 242.  
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 37 & 242.

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

CUT TO LENGTH AT ASSEMBLY.

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

2119599-1

A

66

REVISIONS

DESCRIPTION

DATE

OWN

APVD

B1

ECR-14-008214

02JUN2014

LG

JT

-

-

-

-

1

-

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

-

-

-

1

-

2119641-1

FEED CAM, AIR FEED

248

-

1

-

1

1

1

2119798-1

DETENT PIN

247

-

1

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

-

1

-

-

-

2119758-1

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

245

-

1

1

1

1

1

2119082-8

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

1

1

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

-

1

1

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

-

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

-

-

2119740-2

TAG,IDENTIFICATION

213

-

-

1

1

-

-

1901094-3

SPACER, FEEDER

198

-

-

-

-

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

-

-

-

-

1

-

240638-1

SPRING, FEED FINGER

163

-

-

-

-

1

-

3-23627-7

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

137

-

-

-

-

1

-

2119799-1

HOLDER,FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

-

1633743-1

SERVO FEED LATCH ASM

133

-

-

REF

REF

-

-

2119944-1

FEED FINGER ASSEMBLY,SF

117

-

1

1

1

1

1

455888-6

SPACER, CRIMPER

82

-

1

1

1

1

1

5-547505-2

SPRING, COMPRESSION

77

-

1

1

1

1

1

854769-4

HOLDER, INS

74

-

1

1

1

1

1

2119956-1

DOCUMENTATION PACKAGE

71

-

1

1

1

1

1

2119791-5

DEPRESSOR, WIRE

70

-

1

-

-

1

1

2119740-1

TAG,IDENTIFICATION

67

-

2

2

2

2

2

2168078-1

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

66

-

1

1

1

1

1

2119791-9

DEPRESSOR, WIRE

65

-

1

-

1

1

1

2119793-1

LIMITER, ADJUSTMENT BOLT

63

-

3

-

3

3

3

992763-5

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

62

-

1

1

1

1

1

2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

-

-

-

-

1

1

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

-

1

1

1

1

1

21028-2

PIN, SLOTTED SPRING .062 X .250

58

-

-

-

-

1

1

1338685-1

PAWL, FEED

56

-

4

4

4

4

4

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

-

2

2

2

2

2

2168083-3

SCR, SKT HD CAP, RoHS, M4 X 12.0

53

-

1

1

1

1

1

5018030-1

NUT, HEX, REG, RoHS, M3

52

-

1

1

1

1

1

811242-5

BUMPER, HOLD DOWN

51

-

1

1

1

1

1

690753-2

SPACER, TONKER

50

-

-

-

-

1

2

18023-9

SCR, SKT HD CAP M4 X 6.0

49

-

-

-

-

-

1

2119652-1

FEED CAM, PRE FEED

48

-

-

-

-

-

1

2119653-1

FEED CAM, POST FEED

47

-

1

1

1

1

1

2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

-

1

-

1

1

1

2119370-1

RAM, AMP STYLE, SIDE FEED

44

-

1

1

1

1

1

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

-

1

-

1

1

1

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

-

1

-

1

1

1

2119957-1

APPLICATOR SHIM PACK

39

-

1

1

1

1

1

2119644-1

RAM WASHER, PRECISION

38

-

1

1

1

1

1

2119085-1

FA HEAD, ATLANTIC STYLE

37

-

1

-

1

1

1

2119092-1

BOLT, ADJUSTMENT

35

-

1

1

1

1

1

1752356-1

SUPPORT, TERMINAL

34

-

2

2

2

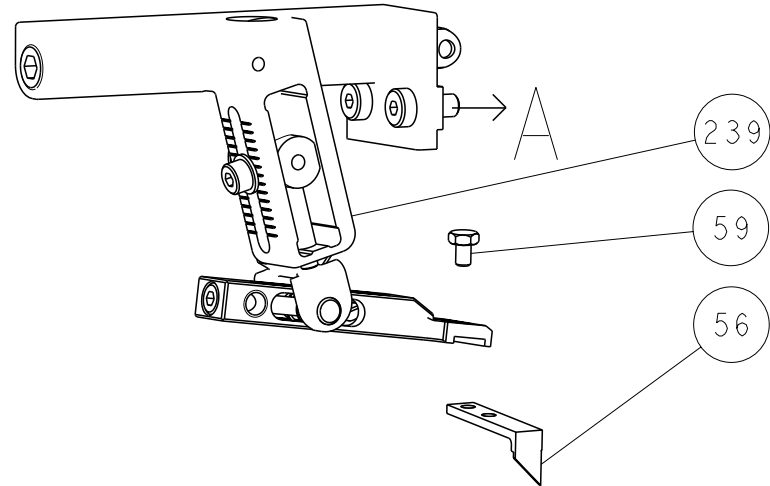
2

2

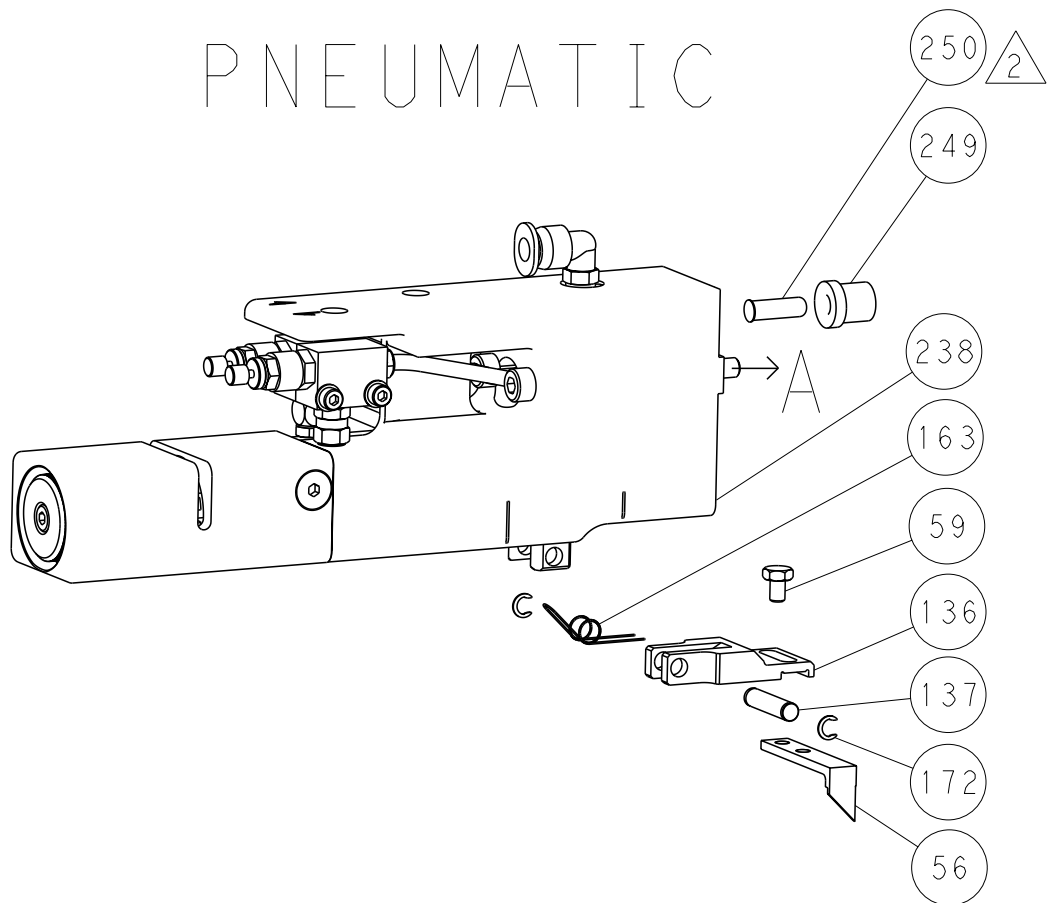
2079

| LOC |  | DIST |  | REVISIONS |     |             |      |     |      |
|-----|--|------|--|-----------|-----|-------------|------|-----|------|
| A   |  | 66   |  | P         | LYR | DESCRIPTION | DATE | OWN | APVD |
|     |  |      |  |           | -   | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |
|     |  |      |  |           |     |             |      |     |      |

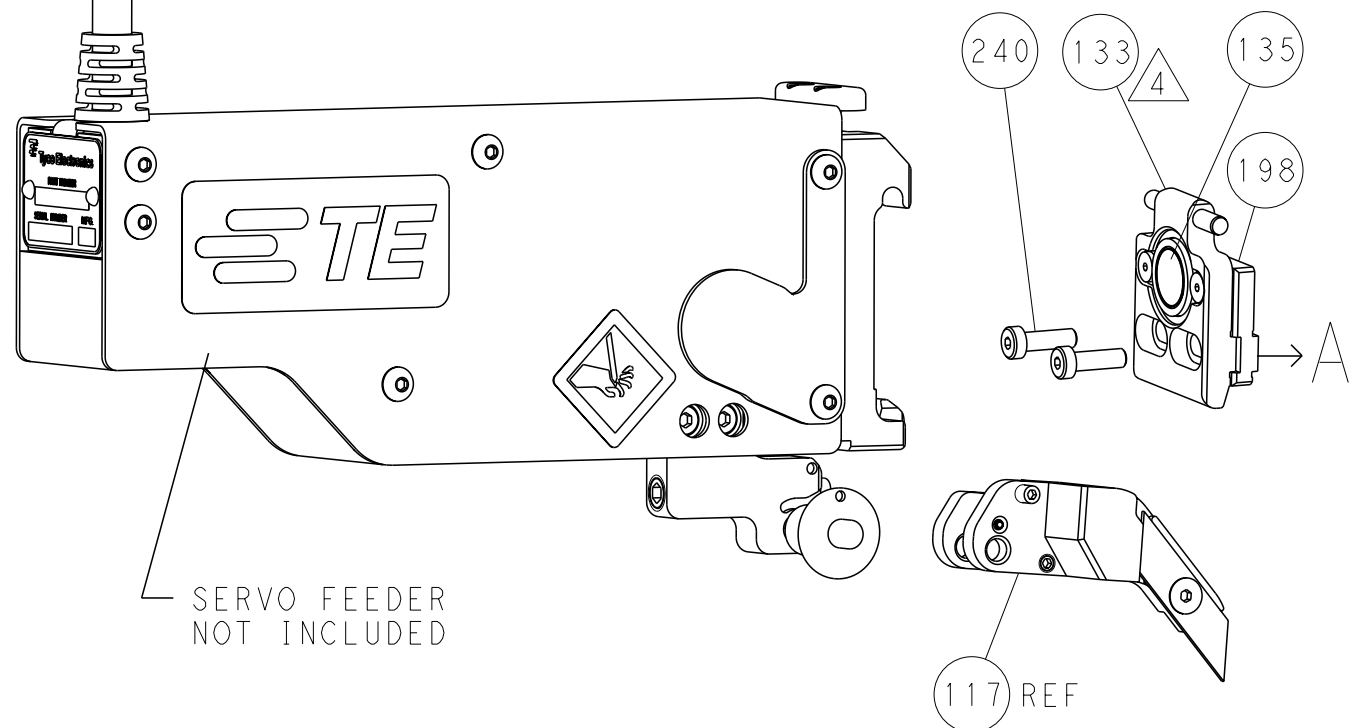
# FEED TYPE MECHANICAL



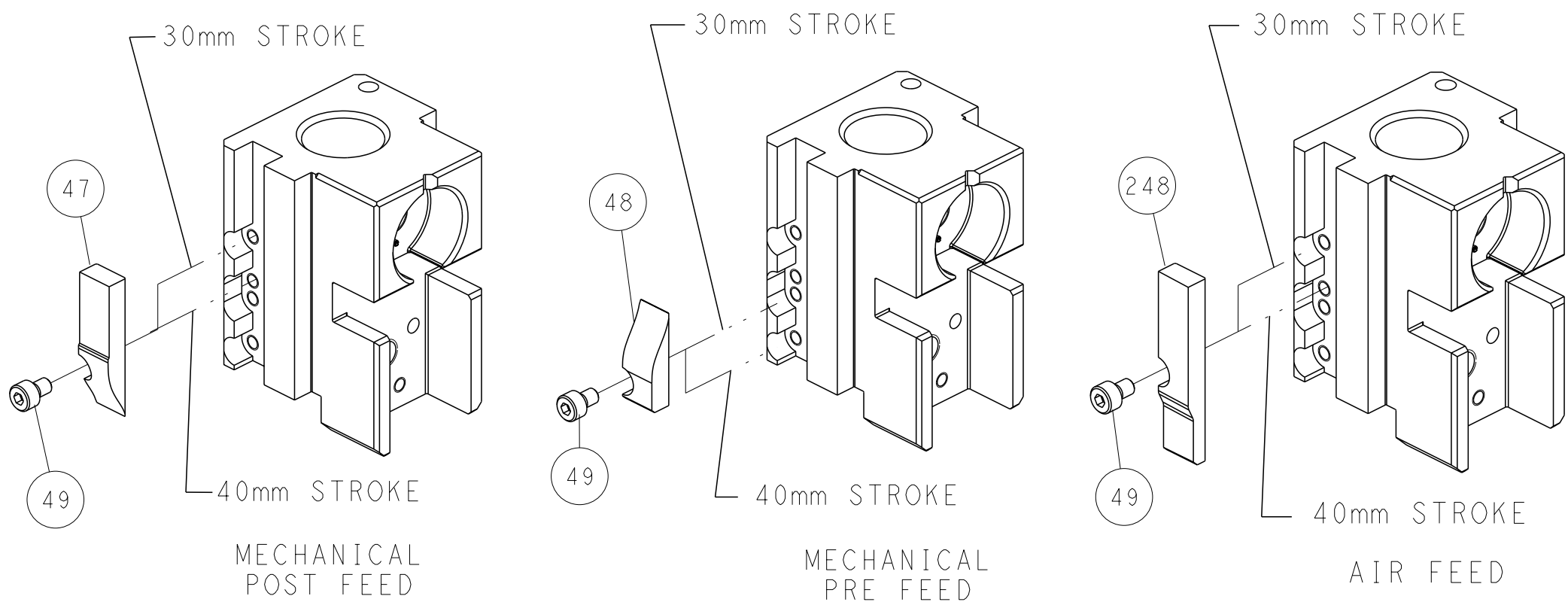
# PNEUMATIC



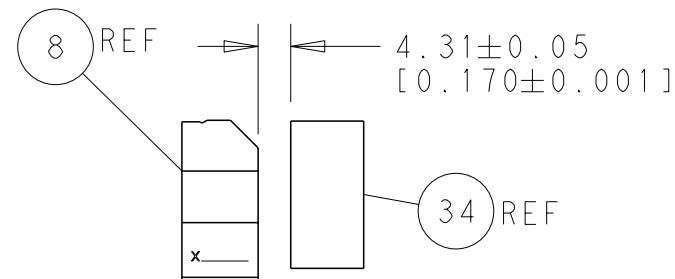
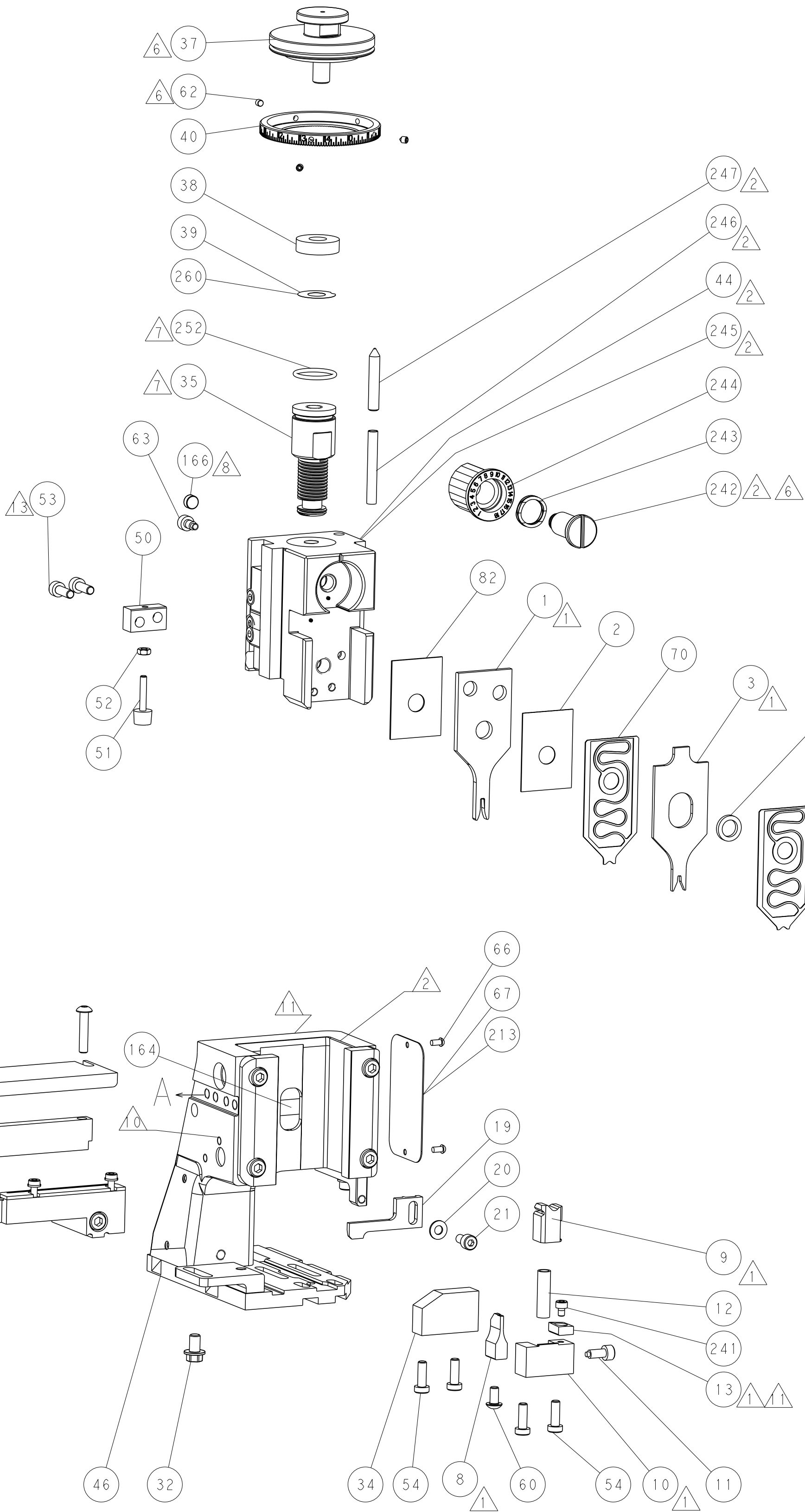
# SERVO LATCH PLATE



# CAM POSITIONS

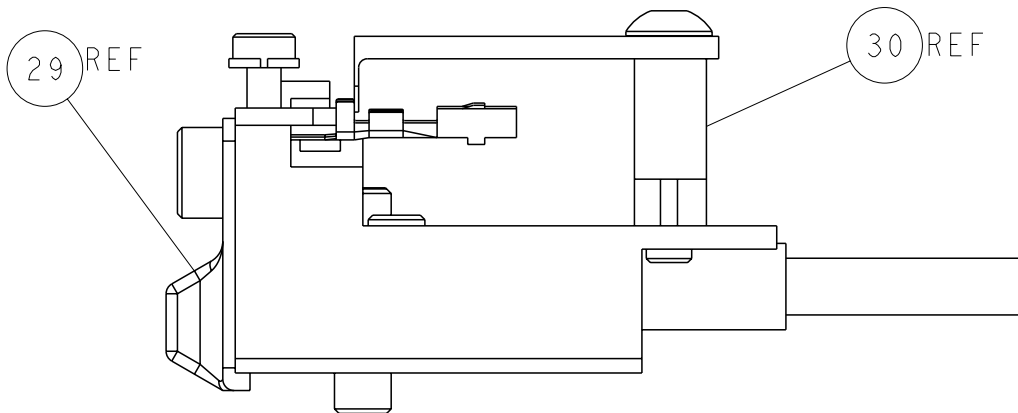


ATLANTIC VERSION  
Shown on sheets 1 of 4 & 2 of 4  
(Pacific version shown on sheets 3 of 4 & 4 of 4)



TERMINAL SUPPORT LOCATION

ITEM 30 LOCATED AT  
FRONT HOLES



FEED TRACK POSITION  
GUIDE BY INSULATION BARREL

|                                                                                                                                                                                 |  |                                                                                                                                    |                                     |                                              |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND TO THE LATEST REVISION. CHANGES SHALL BE CONTACTED FOR THE LATEST REVISION. |  | OWN<br>C. CHEN<br>CHK<br>S. XI<br>APVD<br>J. CRUZ                                                                                  | 05AUG2011<br>05AUG2011<br>05AUG2011 | TE Connectivity<br>Harrisburg, PA 17105-3608 |  |  |
| DIMENSIONS:<br>mm                                                                                                                                                               |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC ±.5<br>1 PLC ±0.5<br>2 PLC ±0.13<br>3 PLC ±0.013<br>4 PLC ±0.0001<br>ANGLES ±.5 |                                     | NAME<br>Ocean Side Feed<br>Applicator        |  |  |
| MATERIAL<br>-                                                                                                                                                                   |  | FINISH<br>-                                                                                                                        |                                     | SIZE<br>A1                                   |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | CAGE CODE<br>00779                           |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | DRAWING NO<br>C=2151169                      |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | RESTRICTED TO<br>B1                          |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | CUSTOMER ACCESSIBLE PRODUCTION DRAWING       |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | SCALE<br>1:2                                 |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | SHEET<br>2 of 4                              |  |  |
|                                                                                                                                                                                 |  |                                                                                                                                    |                                     | REV<br>B1                                    |  |  |

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

8

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THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

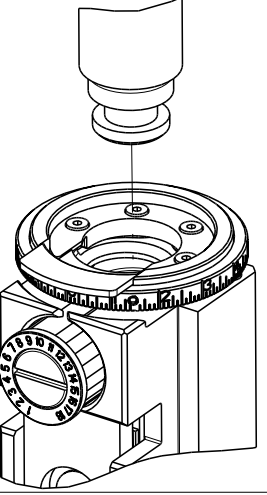
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20

PACIFIC VERSION  
TERMINATOR  
INTERFACE ADAPTER



PART  
NUMBER

2-2151169-1

REVISION

B

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2119951-1

-

8-2151169-5

1901094-3

-

2168400-6 (QUANTITY 2)

2161326-1

-

8-2151169-4

-

-

-

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

SERVO LATCH PLATE

2119951-1

-

8-2151169-5

1901094-3

-

2168400-6 (QUANTITY 2)

SMART APPLICATOR

2161326-1

-

8-2151169-4

-

-

-

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-2

2119799-1

2063440-1

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

2-2151169-2

B

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

SERVO LATCH PLATE

2119951-1

-

8-2151169-5

1901094-3

-

2168400-6 (QUANTITY 2)

SMART APPLICATOR

2161326-1

-

8-2151169-4

-

-

-

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-2

2119799-1

2063440-1

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-

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-

-

-

2-2151169-5

B

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

MECHANICAL FEED

2119949-1

1338685-1

5-18022-5

2119653-2

-

-

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-2

2119799-1

2063440-1

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-

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-

-

-

2-2151169-7

B

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

-

7-2151169-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

-

-

APPLICATOR DATA

|       |                |      |
|-------|----------------|------|
| CRIMP | SIZE           | TYPE |
| WIRE  | 1.78 mm [.070] | F    |
| INSUL | 1.78 mm [.070] | F    |

APPLICATOR INSTRUCTIONS  
408-10389

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .040 II RECEPTACLE CONTACT

|                             |                              |
|-----------------------------|------------------------------|
| WIRE STRIP LENGTH           | INSULATION DIAMETER RANGE    |
| 3.65-3.67 mm [.144-.144 IN] | Ø1.10-2.10 mm [.043-.083 IN] |

|                                    |             |   |   |
|------------------------------------|-------------|---|---|
| TERMINAL APPLICATION SPECIFICATION | (A)114-5159 | - | - |
|                                    | (B)114-5197 | - | - |

TERMINALS APPLIED

|              |              |              |              |
|--------------|--------------|--------------|--------------|
| TE TERMINAL  | TE TERMINAL  | TE TERMINAL  | TE TERMINAL  |
| (A) 175265-1 | (A) 175266-2 | (A) 175266-5 | (A) 175266-7 |
| (B) 179963-1 | (B) 179964-2 |              |              |

|           |                            |                                |
|-----------|----------------------------|--------------------------------|
| WIRE SIZE | CRIMP HEIGHT mm [INCH]     | CRIMP HEIGHT REFERENCE SETTING |
| 0.85mm2   | 1.17+/-0.05 [.046+/- .002] | 6.2                            |
| 0.50mm2   | 1.03+/-0.05 [.041+/- .002] | 7.4                            |
| 0.30mm2   | 0.94+/-0.05 [.037+/- .002] | 8.4                            |

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: 8-2151169-4  
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151169-4  
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151169-5  
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151169-6

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 ITEM 50. 62 & 242

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.

MAGNET 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 BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

CUT TO LENGTH AT ASSEMBLY.

APPLICATOR STYLE CONVERSION CHART

| CONVERT TO        | PART NUMBERS REQUIRED |
|-------------------|-----------------------|
| PNEUMATIC FEED    | 2119950-1             |
| SERVO LATCH PLATE | 2119951-1             |
| SMART APPLICATOR  | 2161326-1             |
| MECHANICAL FEED   | 2119949-1             |
| SERVO LATCH PLATE | 2119951-1             |
| SMART APPLICATOR  | 2161326-1             |
| MECHANICAL FEED   | 2119949-1             |
| PNEUMATIC FEED    | 2119950-1             |
| -                 | -                     |
| -                 | -                     |

6

1

1

1

1

1

251

77

7

6

5

2

1

PART NO

DESCRIPTION

ITEM NO

PACIFIC VERSION

Shown on sheets 3 of 4 & 4 of 4

(Atlantic version shown on sheets 1 of 4 & 2 of 4)

SET UP GAUGE  
2119599-1

LOC  
A

DIST  
66

| P | LYR | DESCRIPTION | DATE | OWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

6

1

1

1

1

1

242

1

1

1

1

1

1

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

-

2119740-2

TAG, IDENTIFICATION

213

-

-

1

1

-

1901094-3

SPACER, FEEDER

198

-

-

-

-

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

-

-

-

-

1

240638-1

SPRING, FEED FINGER

163

-

1

1

1

1

1

8-21084-1

O-RING, .801 ID, .070 DIA. MAT.

152

-

1

1

1

1

1

2119641-2

FEED CAM, AIR FEED

151

-

1

1

1

1

1

2119798-2

DETENT PIN

145

-

1

1

1

1

1

2079383-8

SCR, BHSC, RoHS (M4 X 16)

144

-

4

4

4

4

4

2168400-5

SHCS, LOW HEAD, RoHS, M4 X 20

143

-

1

1

1

1

1

2119653-2

FEED CAM, POST FEED

142

-

1

1

1

1

1

1-2119656-0

APPLICATOR BASIC ASSEMBLY, SF

141

-

1

1

1

1

1

2119650-1

RAM, ASIAN STYLE, SIDE FEED

140

-

1

1

1

1

1

2119092-2

BOLT, ADJUSTMENT

139

-

-

-

-

1

-

3-23627-7

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

137

-

-

-

-

1

-

2119799-1

HOLDER, FEED FINGER, AF

136

-

-

REF

REF

-

-

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

-

-

1

1

-

-

1633743-1

SERVO FEED LATCH ASM

133

-

-

REF

REF

-

-

2119944-1

FEED FINGER ASSEMBLY, SF

117

-

1

1

1

1

 1 | 455888-6 | SPACER, CRIMPER | 82 || - | 1 | 1 | 1 | 1 | 1 | 5-547505-2 | SPRING, COMPRESSION | 77 |
| - | 1 | 1 | 1 | 1 | 1 | 854769-4 | HOLDER, INS | 74 |
| - | 1 | 1 | 1 | 1 | 1 | 2119956-1 | DOCUMENTATION PACKAGE | 71 |
| - | 1 | 1 | 1 | 1 | 1 | 2119791-5 | DEPRESSOR, WIRE | 70 |
| - | 1 | - | - | 1 | 1 | 2119740-1 | TAG, IDENTIFICATION | 67 |
| - | 2 | 2 | 2 | 2 | 2 | 2168078-1 | SCREW, DRIVE, RH, RoHS, 2 x .188 | 66 |
| - | 1 | 1 | 1 | 1 | 1 | 2119791-9 | DEPRESSOR, WIRE | 65 |
| - | 1 | - | 1 | 1 | 1 | 2119793-1 | LIMITER, ADJUSTMENT BOLT | 63 |
| - | 3 | - | 3 | 3 | 3 | 992763-5 | SCR, SET, SOC, CONE POINT, M3 x 4.0 | 62 |
| - | - | - | - | 1 | 1 | 5-18022-5 | SCR, HEX HD CAP, M4 X 6.0 | 59 |
| - | 1 | 1 | 1 | 1 | 1 | 21028-2 | PIN, SLOTTED SPRING .062 X .250 | 58 |
| - | - | - | - | 1 | 1 | 1338685-1 | PAWL, FEED | 56 |
| - | 2 | 2 | 2 | 2 | 2 | 2168083-3 | SCR, SKT HD CAP, RoHS, M4 X 12.0 | 53 |
| - | 1 | 1 | 1 | 1 | 1 | 5018030-1 | NUT, HEX, REG, RoHS, M3 | 52 |
| - | 1 | 1 | 1 | 1 | 1 | 811242-5 | BUMPER, HOLD DOWN | 51 |
| - | 1 | 1 | 1 | 1 | 1 | 690753-2 | SPACER, TONKER | 50 |
| - | - | - | - | 1 | 2 | 18023-9 | SCR, SKT HD CAP M4 X 6.0 | 49 |
| - | - | - | - | - | 1 | 2119652-1 | FEED CAM, PRE FEED | 48 |
| - | 1 | 1 | 1 | 1 | 1 | 2079383-7 | SCR, BHSC, RoHS (M8 X 25) | 41 |
| - | 1 | - | 1 | 1 | 1 | 2119645-1 | DISC, NUMBERED FA WIRE ADJUSTMENT | 40 |
| - | 1 | - | 1 | 1 | 1 | 2119957-1 | APPLICATOR SHIM PACK | 39 |
| - | 1 | 1 | 1 | 1 | 1 | 2119644-1 | RAM WASHER, PRECISION | 38 |
| - | 1 | 1 | 1 | 1 | 1 | 1752356-1 | SUPPORT, TERMINAL | 34 |
| - | 2 | 2 | 2 | 2 | 2 | 2079383-5 | SCR, BHSC, RoHS (M4 X 20) | 33 |
| - | 1 | 1 | 1 | 1 | 1 | 2161328-1 | HEX HEAD, FLANGED, M5 x 8mm LONG | 32 |
| - | 1 | 1 | 1 | 1 | 1 | 1-1320908-0 | SPACER, STRIP GUIDE | 30 |
| - | 1 | 1 | 1 | 1 | 1 | 2119959-1 | ASSEMBLY, STRIP GUIDE | 29 |
| - | 1 | 1 | 1 | 1 | 1 | 1320928-2 | STRIP GUIDE | 24 |
| - | 1 | 1 | 1 | 1 | 1 | 2168083-2 | SCR, SKT HD CAP, RoHS, M4 X 8.0 | 21 |
| - | 1 | 1 | 1 | 1 | 1 | 1-18028-2 | WASHER, FLAT, REG M4 | 20 |
| - | 1 | 1 | 1 | 1 | 1 | 2119533-1 | STRIPPER, SIDE FEED | 19 |
| - | 1 | 1 | 1 | 1 | 1 | 2119806-1 | INSERT, SHEAR | 13 |
| - | 1 | 1 | 1 | 1 | 1 | 3-22280-3 | SPRING, COMPRESSION | 12 |
| - | 1 | 1 | 1 | 1 | 1 | 1-356885-4 | STOP, SHEAR | 11 |
| - | 1 | 1 | 1 | 1 | 1 | 2119805-1 | SHEAR HOLDER, FRONT | 10 |
| - | 1 | 1 | 1 | 1 | 1 | 1803095-1 | FLOATING SHEAR, FRONT | 9 |
| - | 1 | 1 | 1 | 1 | 1 | 8-1333203-5 | ANVIL, COMBINATION | 8 |
| - | 1 | 1 | 1 | 1 | 1 | 2119780-9 | DEPRESSOR, SHEAR | 5 |
| - | 1 | 1 | 1 | 1 | 1 | 238011-7 | BLOCK, CRIMPER SPACER | 4 |
| - | 1 | 1 | 1 | 1 | 1 | 2-1803017-2 | CRIMPER, INSULATION F | 3 |
| - | 1 | 1 | 1 | 1 | 1 | 455888-4 | SPACER, CRIMPER | 2 |
| - | 1 | 1 | 1 | 1 | 1 | 3-456404-5 | CRIMPER, WIRE PREMIUM | 1 |

77

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1

PART NO

DESCRIPTION

ITEM NO

11

IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING DEPARTMENT. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE ENGINEERING DEPARTMENT AND THE CUSTOMER. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE ENGINEERING DEPARTMENT AND THE CUSTOMER. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE ENGINEERING DEPARTMENT AND THE CUSTOMER.

OWN  
C. CHEN  
05AUG2011

CHK  
S. XI  
05AUG2011

APVD  
J. CRUZ  
05AUG2011

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±.5  
1 PLC ±0.13  
2 PLC ±0.13  
3 PLC ±0.13  
4 PLC ±0.0001  
ANGLES FINISH ±.

MATERIAL  
-

NAME  
Ocean Side Feed  
Applicator

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
©=2151169

RESTRICTED TO

CUSTOMER ACCESSIBLE PRODUCTION DRAWING

SCALE  
1:2

SHEET  
3

OF  
4

REV  
B1

AMP 4805 REV 31MAR2000

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

D

C

B

A

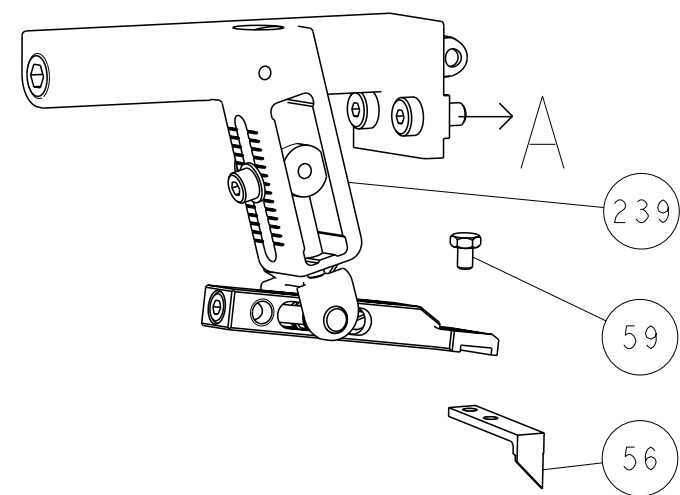
D

C

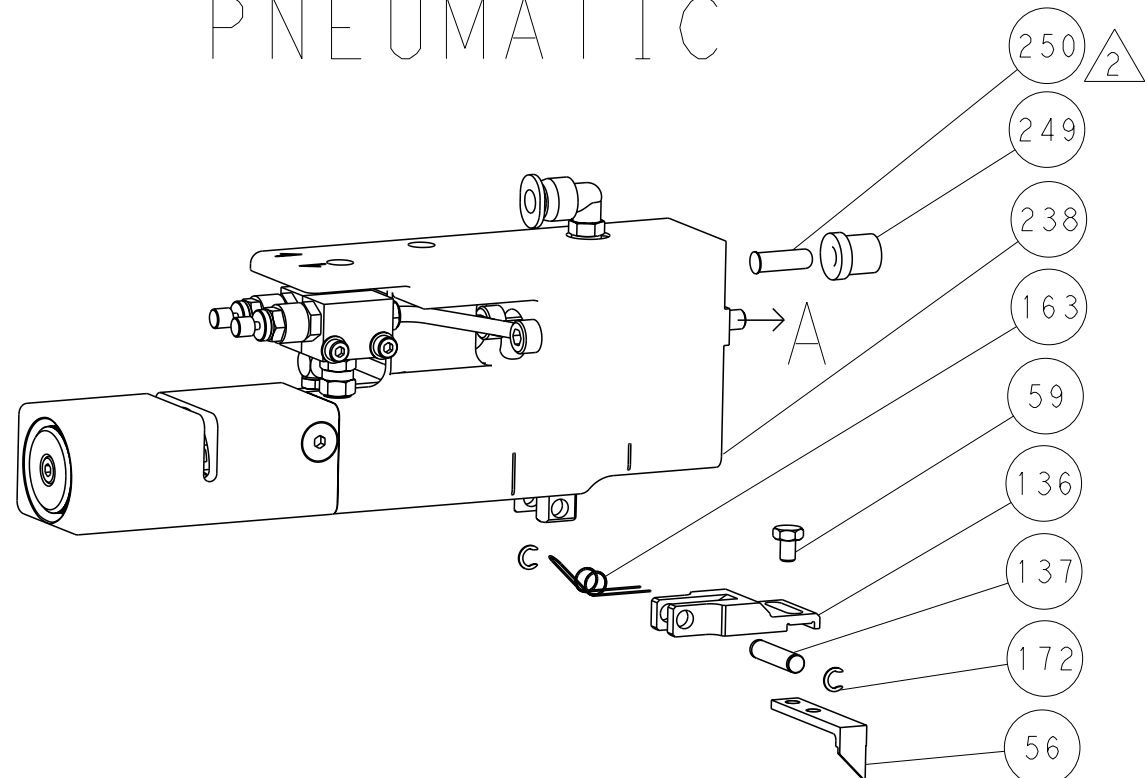
B

A

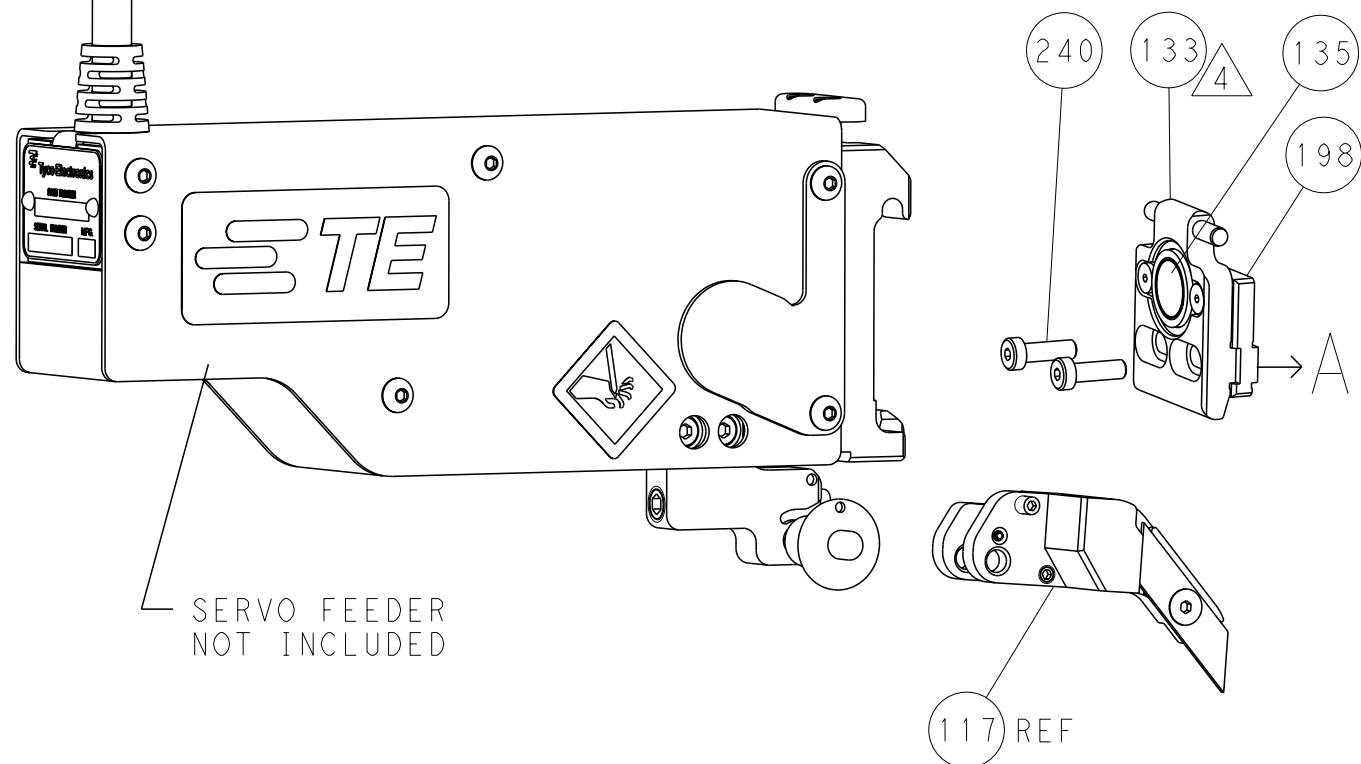
# FEED TYPE MECHANICAL



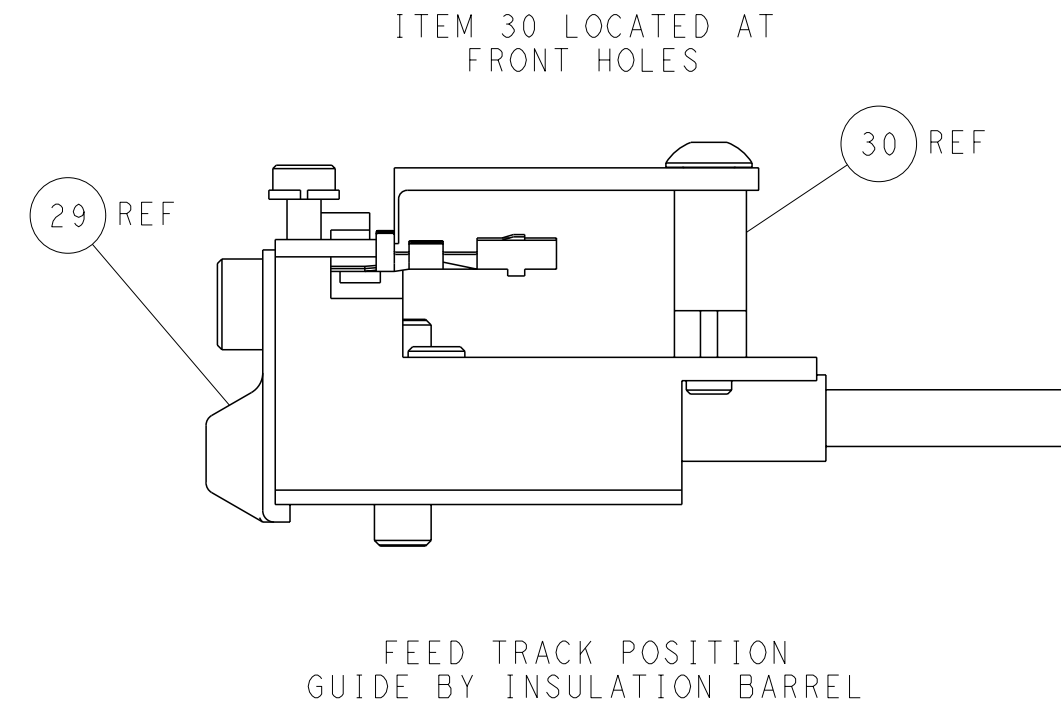
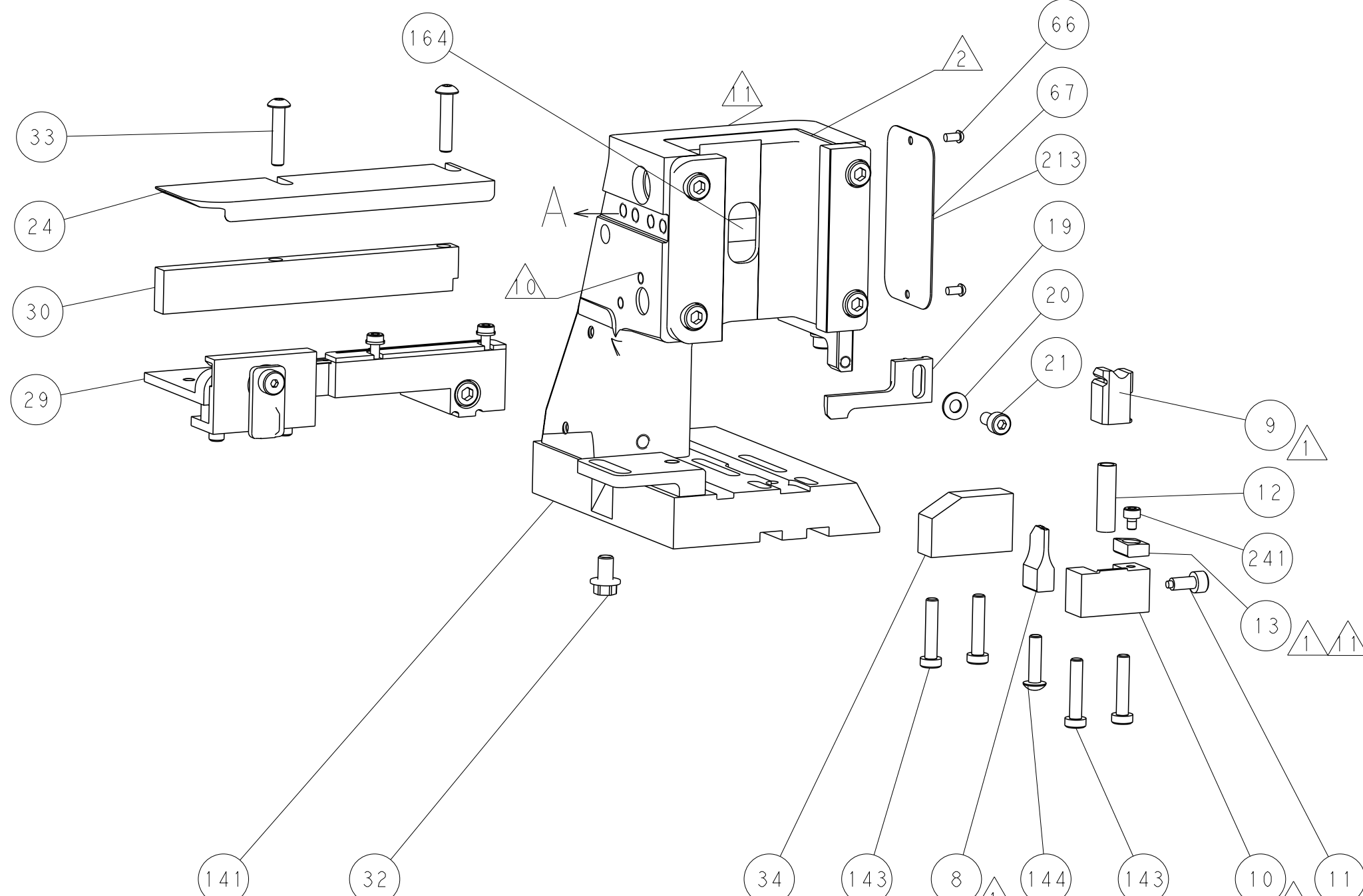
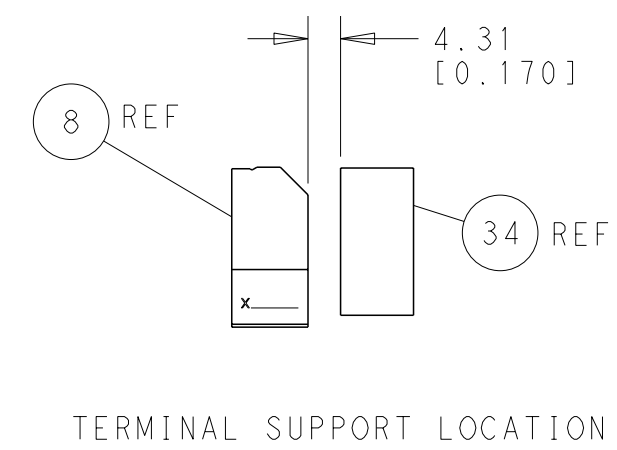
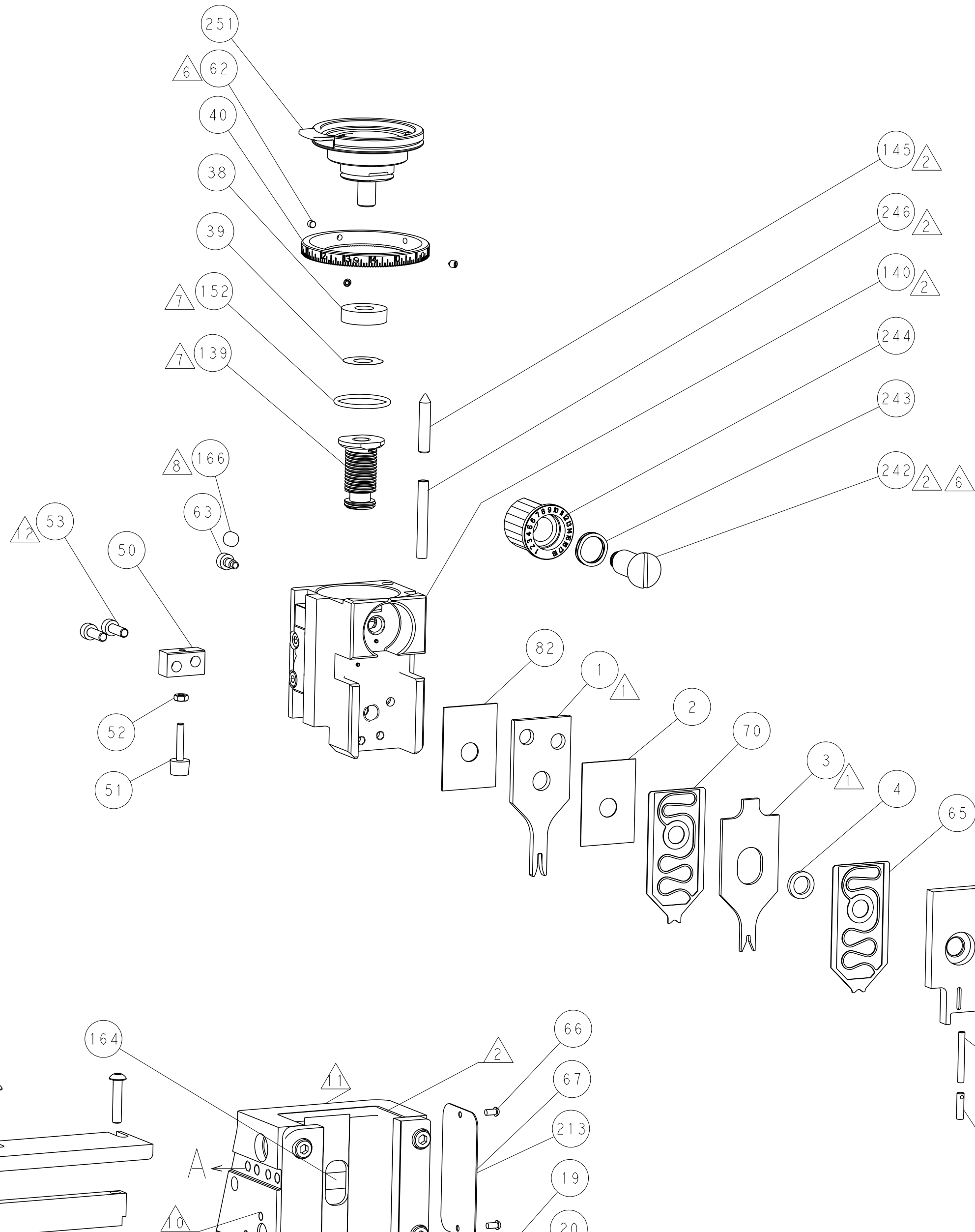
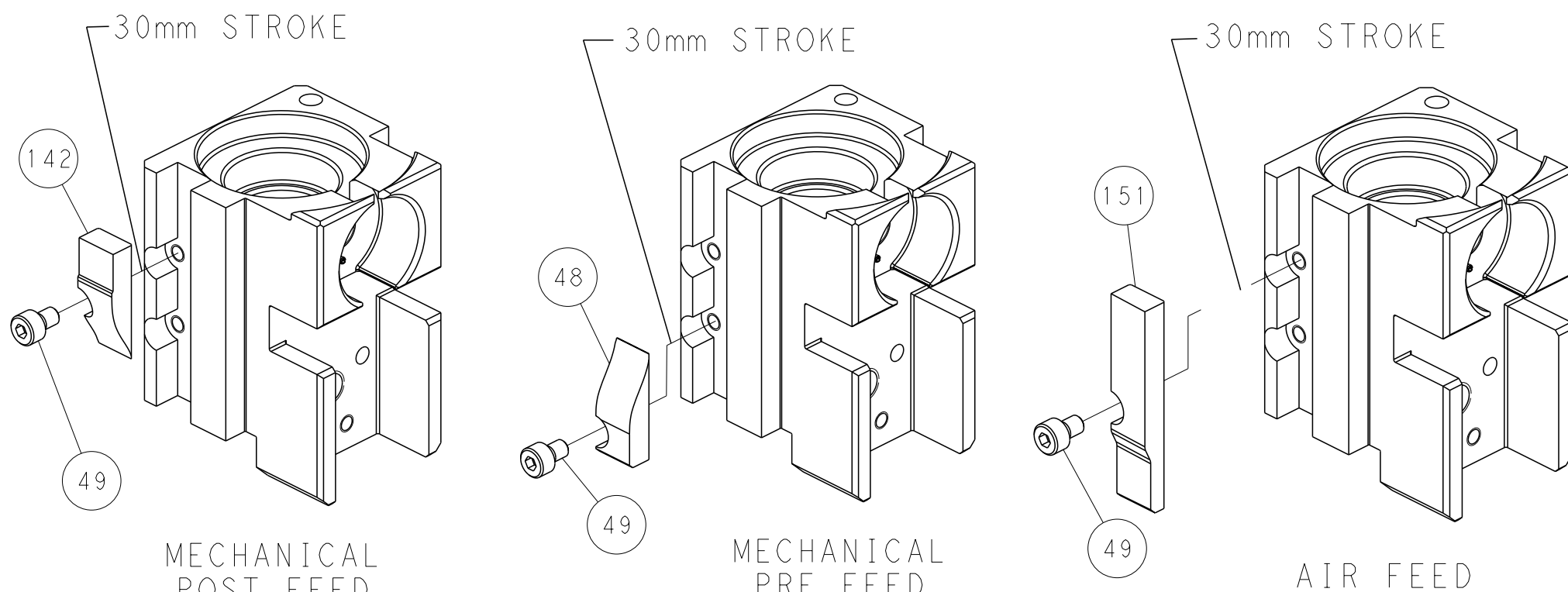
# PNEUMATIC



# 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 A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION<br>IT IS SUBJECT TO CHANGE AND TO THE CONTROL AND ENGINEERING DEPARTMENT<br>SHOULD BE CONTACTED FOR THE LATEST REVISION |  | DWN<br>C. CHEN<br>05AUG2011  | STE TE Connectivity<br>Harrisburg, PA 17105-3608 |               |
| DIMENSIONS:<br>mm                                                                                                                                                                              |  | CHK<br>S. XI<br>05AUG2011    | NAME<br>Ocean Side Feed<br>Applicator            |               |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC ±.5<br>1 PLC ±.13<br>2 PLC ±.13<br>3 PLC ±.13<br>4 PLC ±.0001<br>ANGLES ±.5                                                                 |  | APVD<br>J. CRUZ<br>05AUG2011 | PRODUCT SPEC                                     |               |
|                                                                                                           |  | APPLICATION SPEC             |                                                  | RESTRICTED TO |
| MATERIAL                                                                                                                                                                                       |  | WEIGHT                       | SIZE CAGE CODE DRAWING NO                        |               |
| FINISH                                                                                                                                                                                         |  | SCALE                        | SHEET 4 OF 4                                     |               |
| CUSTOMER ACCESSIBLE PRODUCTION DRAWING                                                                                                                                                         |  | REV B1                       |                                                  | REV B1        |

## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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