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ATLANTIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

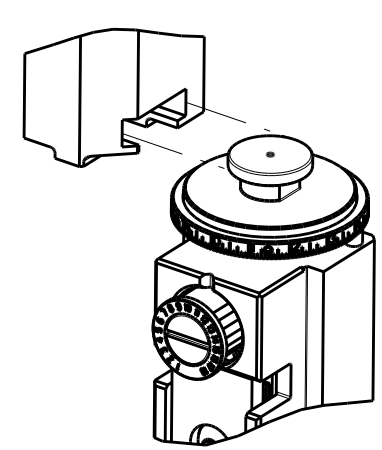
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151808-2

A

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

SERVO LATCH PLATE
SMART APPLICATOR

2119951-1
2161326-1

-
-

1338685-1
8-2151808-4

5-18022-5
-

-
-

-
-

2168400-6 (QUANTITY 2)

2151808-5

A

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151808-6

A

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

-

-

-

-

-

-

2151808-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

-

-

7-2151808-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP SIZE TYPE

WIRE 1.58 mm [.062] F

INSUL 2.30 mm [.091] F

APPLICATOR INSTRUCTIONS 408-10389

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION

TERMINAL NAME: JUNIOR-TIMER CONTACT

WIRE STRIP LENGTH INSULATION DIAMETER RANGE

3.40-4.00 mm [.134-.157 IN] Ø1.20-1.60 mm [.047-.063 IN]

TERMINAL APPLICATION SPECIFICATION

114-18079 - -

TERMINALS APPLIED

TE TERMINAL TE TERMINAL TE TERMINAL TE TERMINAL

927871-1 927871-2 927871-4

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION

TERMINAL NAME: JUNIOR-TIMER CONTACT

WIRE STRIP LENGTH INSULATION DIAMETER RANGE

3.40-4.00 mm [.134-.157 IN] Ø1.00-1.60 mm [.039-.063 IN]

TERMINAL APPLICATION SPECIFICATION

- - -

TERMINALS APPLIED

TE TERMINAL TE TERMINAL TE TERMINAL TE TERMINAL

926984-1 926984-2 1-926984-1

WIRE SIZE CRIMP HEIGHT mm [INCH] CRIMP HEIGHT REFERENCE SETTING

0.50mm2 1.06+/-0.05 [.042+/- .002] 6.9

0.37mm2 0.99+/-0.05 [.039+/- .002] 7.8

0.25mm2 0.93+/-0.05 [.037+/- .002] 8.2

0.20mm2 0.91+/-0.05 [.036+/- .002] 8.4

WIRE SIZE CRIMP HEIGHT mm [INCH] CRIMP HEIGHT REFERENCE SETTING

0.50mm2 1.06+/-0.05 [.042+/- .002] 6.9

0.37mm2 0.99+/-0.05 [.039+/- .002] 7.8

0.25mm2 0.93+/-0.05 [.037+/- .002] 8.2

0.20mm2 0.91+/-0.05 [.036+/- .002] 8.4

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:
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151808-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151808-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151808-6

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 50, 62 & 242.
FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37, 50 & 242.

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 TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.

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 4.74.

SET UP GAUGE 2119599-1

LOC A

DIST 66

REVISONS

DESCRIPTION

DATE

DWN

APVD

1 ORIGINAL

08NOV2012

GH

TE

2 RELEASED

02JAN2013

GH

TE

- - - - 1 2119640-1 PUSH ROD, AIR FEED 250

- - - - 1 2079988-1 BUSHING, LCH5-12, MISUMI 249

- - - - 1 2119641-1 FEED CAM, AIR FEED 248

- 1 - - 1 2119798-1 DETENT PIN 247

- 1 - - 1 1-22279-3 SPRING, COMPRESSION 246

- - 1 - - 2119758-1 RAM, AMP STYLE, SIDE FEED, NON-ADJ. 245

- 1 1 1 1 2119082-8 CAM, SNAIL, INSULATION ADJUSTMENT 244

- 1 1 1 1 2079764-1 WASHER, WAVE SPRING, CREST-TO-CREST 243

- 1 1 1 1 2119083-1 RETAINER, INSULATION DIAL 242

- 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 2063440-1 AIR FEED MODULE 238

- - 1 1 - 2119740-2 TAG,IDENTIFICATION 213

- - 1 1 - 1901094-3 SPACER, FEEDER 198

- 1 1 1 1 993111-1 PIN, SLOTTED SPRING 3.0 X 20.0 177

- 1 1 1 1 8-22280-7 SPRING, COMPRESSION 176

- 1 1 1 1 1752353-2 GUIDE PIN,HOLDDOWN 175

- 1 1 1 1 1901680-2 GUIDE PIN,HOLDDOWN 174

- - - - 2 21045-3 RING, RETAIN, EXTERN, 3/16 CRESCENT 172

- 1 1 1 1 994969-1 MAGNET, RARE EARTH HIGH ENERGY 166

- 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

- 1 1 1 1 1-18028-2 WASHER, FLAT, REG M4 119

- - REF REF - 2119944-1 FEED FINGER ASSEMBLY,SF 117

- 1 1 1 1 455888-5 SPACER, CRIMPER 82

- 1 1 1 1 2119956-1 DOCUMENTATION PACKAGE 71

- 1 - - 1 2119740-1 TAG,IDENTIFICATION 67

- 2 2 2 2 2168078-1 SCREW, DRIVE, RH, RoHS 66

- 1 - 1 1 2119793-1 LIMITER, ADJUSTMENT BOLT 63

- 3 - 3 3 992763-5 SCR, SET, SOC, CONE POINT, M3 x 4.0 62

- 1 1 1 1 2079383-4 SCR, BHSC, RoHS (M4 X 8) 60

- - - - 1 5-18022-5 SCR, HEX HD CAP, M4 X 6.0 59

- - - - 1 1338685-1 PAWL, FEED 56

- 4 4 4 4 2168400-1 SHCS, LOW HEAD, RoHS, M4 X 12 54

- 1 1 1 1 1-5018030-0 NUT, HEX, REG, RoHS, M3.5 52

- 1 1 1 1 1901681-1 HOLDDOWN, TERMINAL 51

- 1 1 1 1 2-1752354-0 STANDOFF,HOLD-DOWN 50

- - - - 1 18023-9 SCR, SKT HD CAP M4 X 6.0 49

- 1 1 1 1 2119656-9 APPLICATOR BASIC ASSEMBLY, SF 46

- 1 - 1 1 2119370-1 RAM, AMP STYLE, SIDE FEED 44

- 1 1 1 1 2079383-7 SCR, BHSC, RoHS (M8 X 25) 41

- 1 - 1 1 2119645-1 DISC, NUMBERED FA WIRE ADJUSTMENT 40

- 1 - 1 1 2119957-1 APPLICATOR SHIM PACK 39

- 1 1 1 1 2119644-1 RAM WASHER, PRECISION 38

- 1 1 1 1 2119085-1 FA HEAD, ATLANTIC STYLE 37

- 1 - 1 1 2119092-1 BOLT, ADJUSTMENT 35

- 1 1 1 1 1752356-3 SUPPORT, TERMINAL 34

- 2 2 2 2 2079383-5 SCR, BHSC, RoHS (M4 X 20) 33

- 1 1 1 1 2161328-1 HEX HEAD, FLANGED, M5 x 8mm LONG 32

- 1 1 1 1 1320908-3 SPACER, STRIP GUIDE 30

- 1 1 1 1 2119959-1 ASSEMBLY, STRIP GUIDE 29

- 1 1 1 1 1-455888-0 SPACER, CRIMPER 28

- 1 1 1 1 1320928-2 STRIP GUIDE 24

- 1 1 1 1 2168083-2 SCR, SKT HD CAP, RoHS, M4 X 8.0 21

- 1 1 1 1 1-18028-2 WASHER, FLAT, REG M4 20

- 1 1 1 1 2119533-1 STRIPPER, SIDE FEED 19

- 1 1 1 1 2119806-1 INSERT, SHEAR 13

- 1 1 1 1 3-22280-3 SPRING, COMPRESSION 12

- 1 1 1 1 1-356885-4 STOP, SHEAR 11

- 1 1 1 1 2119805-1 SHEAR HOLDER, FRONT 10

- 1 1 1 1 462006-6 FLOATING SHEAR, FRONT 9

1 1 1 1 1 1-1333202-0 ANVIL, COMBINATION 8

- - - - - - 7

- - - - - - 6

- 1 1 1 1 2119757-5 DEPRESSOR, SHEAR 5

- 1 1 1 1 2-238011-2 BLOCK, CRIMPER SPACER 4

1 1 1 1 1 1-2119582-1 CRIMPER, INSULATION F PREMIUM 3

- 1 1 1 1 455888-8 SPACER, CRIMPER 2

1 1 1 1 1 1-456403-3 CRIMPER, WIRE PREMIUM 1

-77 -7 -6 -5 -2 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)

100% COMPLIANCE TO ROHS

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DIMENSIONS:

mm

0 PLG ±.1

1 PLG ±0.1

2 PLG ±0.02

3 PLG ±0.005

4 PLG ±0.0005

ANGLES ±.1

FINISH

MATERIAL

-

DWN 07NOV2012

CHK T.ELBIN

APVD T.ELBIN

08NOV2012

NAME

PRODUCT SPEC

APPLICATION SPEC

SIZE CASE CODE DRAWING NO

00779 ©=2151808

RESTRICTED TO

-

Customer Accessible Production Drawing

SCALE 1:1

SHEET 1 OF 4

REV A

TE Connectivity

Harrisburg, PA 17105-3608

Ocean Side Feed

Applicator

Customer Accessible Production Drawing

SCALE 1:1

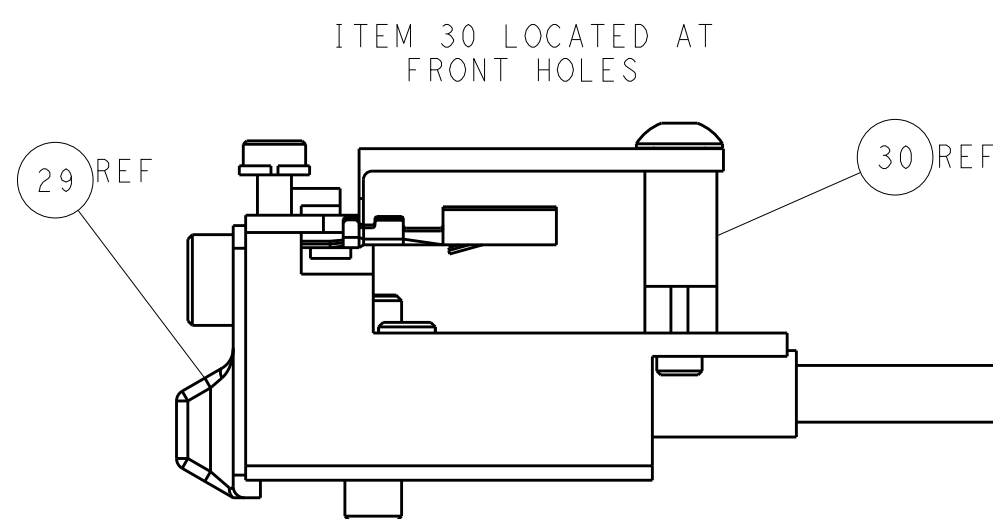
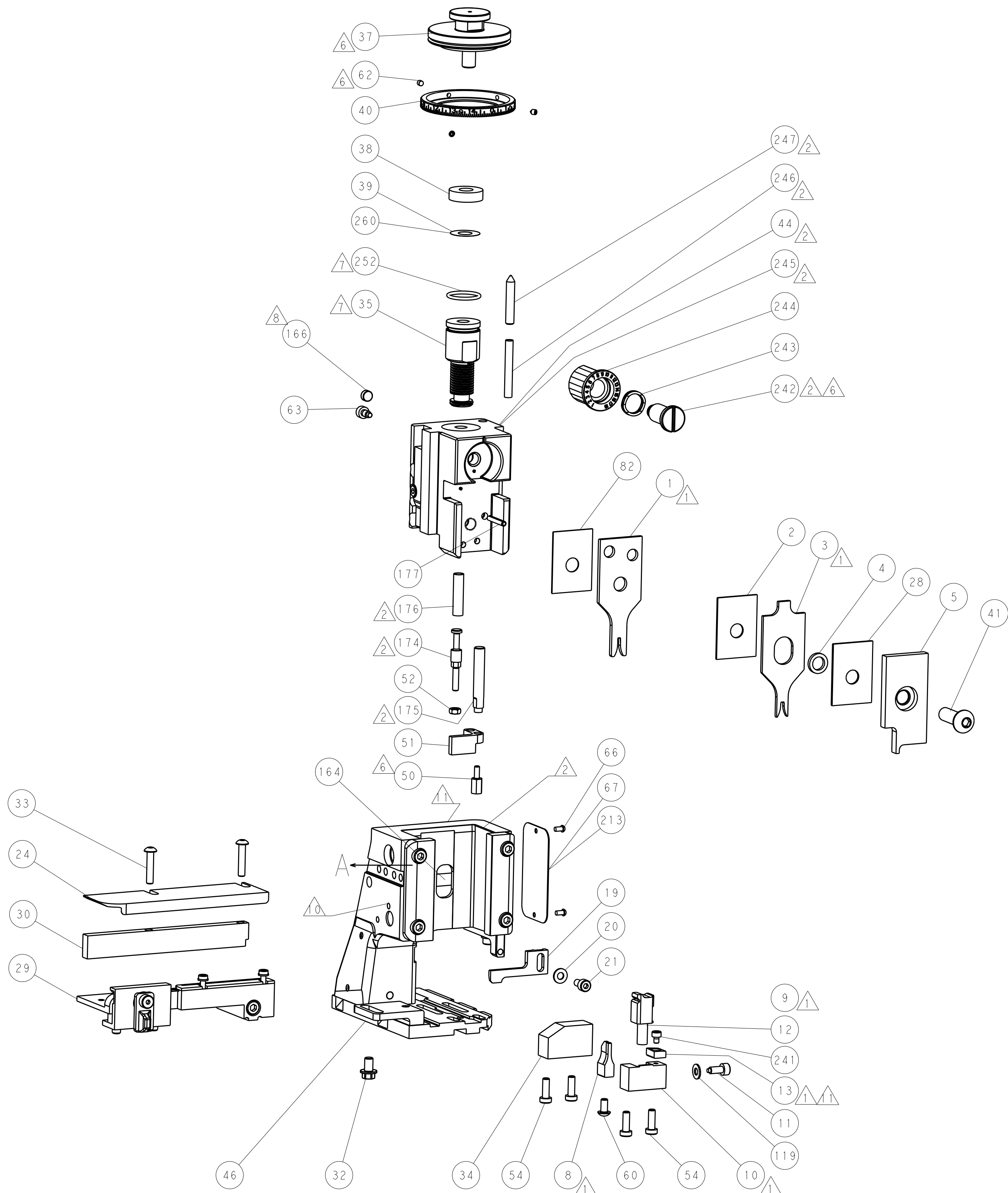
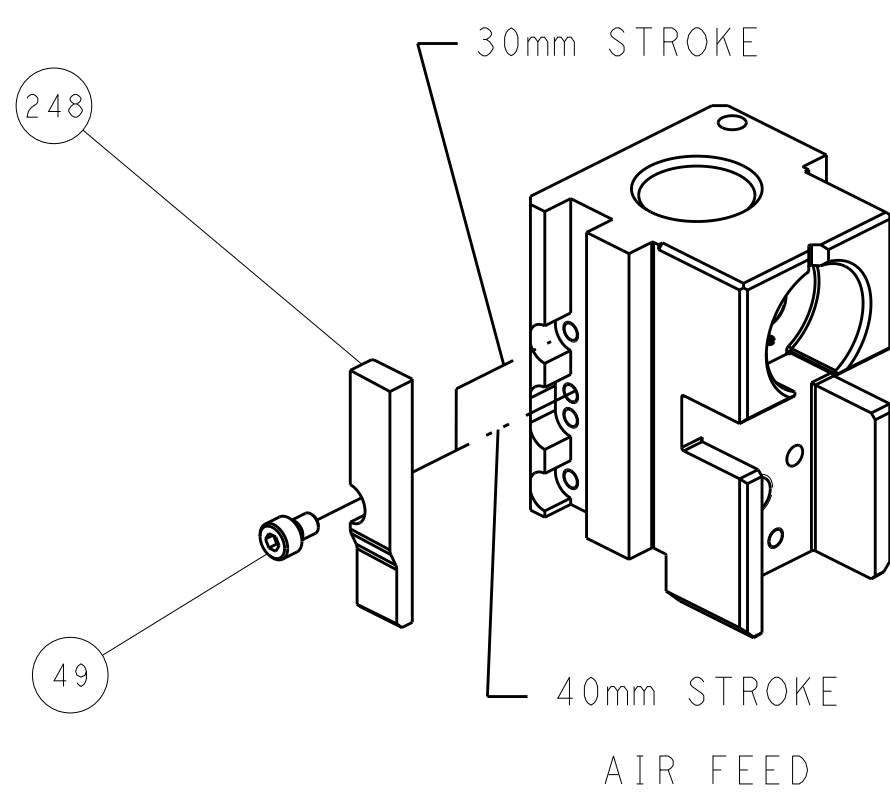
SHEET 1 OF 4

REV A

AMP 4805 REV 31MAR2000

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

CAM POSITIONS



FEED TRACK POSITION GUIDE BY INSULATION BARREL

- SERVO FEEDER
NOT INCLUDED

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

