

8

7

6

5

4

3

2

1

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20

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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER

PART NUMBER

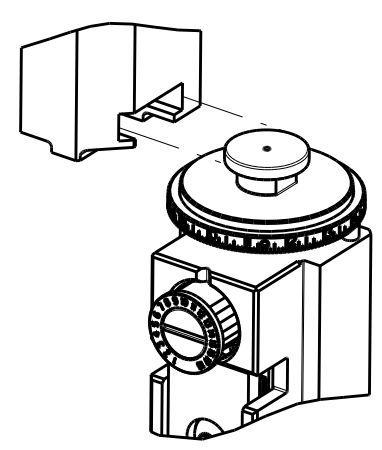
REVISION

DESCRIPTION

FEED TYPE

CONVERT TO

PART NUMBERS REQUIRED



2151204-1

B

FINE CRIMP HEIGHT ADJUST

MECHANICAL

PNEUMATIC FEED

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

2151204-2

B

FINE CRIMP HEIGHT ADJUST

PNEUMATIC

SERVO LATCH PLATE

2119951-1

-

8-2151204-5

1901094-3

1-1752354-4

2168400-6 (QUANTITY 2)

2151204-5

B

FINE CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2119949-1

1338685-1

5-18022-5

2119653-1

-

-

-

2151204-6

B

NON-CRIMP HEIGHT ADJUST

SERVO LATCH PLATE

2161326-1

-

8-2151204-4

-

-

-

2151204-7

B

FINE CRIMP HEIGHT ADJUST

NONE

2119950-1

1338685-1

5-18022-5

2119641-1

2119799-1

2063440-1

7-2151204-7

A

CRIMP TOOLING KIT

-

-

-

-

-

-

APPLICATOR DATA

CRIMP SIZE TYPE

WIRE 2.29 mm [.090] F

INSUL 3.68 mm [1.45] O

APPLICATOR INSTRUCTIONS 408-10389

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION

TERMINAL NAME: MINI MIC TAB CTC.

WIRE STRIP LENGTH INSULATION DIAMETER RANGE

3.00-3.50 mm [.118-.138 IN] Ø1.70-3.30 mm [.067-.130 IN]

TERMINAL APPLICATION SPECIFICATION

114-20045

TERMINALS APPLIED

TE TERMINAL TE TERMINAL TE SEAL TE SEAL

282109-1 282109-4 281934-2 281934-3

282109-2 282109-5

282109-3

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

1.50mm2 1.52+/-0.05 [.060+/- .002] 9.7

1.00mm2 1.45+/-0.05 [.057+/- .002] 10.3

0.75mm2 1.34+/-0.05 [.053+/- .002] 11.6

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: 8-2151204-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151204-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151204-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151204-6

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 & 242. FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 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 A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 4.28.

THIS APPLICATOR APPLIES TERMINAL WITH A SEAL.

APPLY TORO-SEAL IN ALLEN SOCKET TO FILL HOLE AFTER FLAT HD HAS BEEN ADJUSTED TO CORRECT HEIGHT AT QUALIFICATION. APPLY #1-23419-5 LOC-TITE TO THREADS.

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

DESCRIPTION

DATE

OWN

APVD

RELEASED

05APR2013

LG

GB

ECR-13-009635

13JUN2013

YY

UG

2079988-1

BUSHING, LCH5-12, MISUMI

249

2119641-1

FEED CAM, AIR FEED

248

2119798-1

DETENT PIN

247

1-22279-3

SPRING, COMPRESSION

246

2119758-1

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

245

2119082-7

CAM, SNAIL, INSULATION ADJUSTMENT

244

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

2119083-1

RETAINER, INSULATION DIAL

242

7-18023-7

SCR, SKT HD CAP M3 X 4.0

241

2168400-6

SHCS, LOW HEAD, RoHS, M5 X 16

240

2119580-1

MECHANICAL FEED ASSEMBLY

239

2063440-1

AIR FEED MODULE

238

2119740-2

TAG, IDENTIFICATION

213

1901094-3

SPACER, FEEDER

198

21045-3

RING, RETAIN, EXTERN, 3/16 CRESCENT

172

994969-1

MAGNET, RARE EARTH HIGH ENERGY

166

994970-2

COUNTER, MAGNETIC

164

240638-1

SPRING, FEED FINGER

163

3-23627-7

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

137

2119799-1

HOLDER, FEED FINGER, AF

136

SEE NOTE 4

MEMORY CHIP, PROGRAMMED

135

1633743-1

SERVO FEED LATCH ASM

133

1-18028-2

WASHER, FLAT, REG M4

119

2119944-1

FEED FINGER ASSEMBLY, SF

117

455888-5

SPACER, CRIMPER

82

2119956-1

DOCUMENTATION PACKAGE

71

2119740-1

TAG, IDENTIFICATION

67

2168078-1

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

66

2119793-1

LIMITER, ADJUSTMENT BOLT

63

992763-5

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

62

2079383-4

SCR, BHSC, RoHS (M4 X 8)

60

5-18022-5

SCR, HEX HD CAP, M4 X 6.0

59

985575-3

SCR, FLT SKT HD CAP M3 X 10.0

57

1338685-1

PAWL, FEED

56

2168400-1

SHCS, LOW HEAD, RoHS, M4 X 12

54

2168083-8

SCR, SKT HD CAP, RoHS, M4 X 16

53

5018030-1

NUT, HEX, REG, RoHS, M3

52

811242-5

BUMPER, HOLD DOWN

51

690753-2

SPACER, TONKER

50

18023-9

SCR, SKT HD CAP M4 X 6.0

49

2119652-1

FEED CAM, PRE FEED

48

2119653-1

FEED CAM, POST FEED

47

2119656-9

APPLICATOR BASIC ASSEMBLY, SF

46

2119370-1

RAM, AMP STYLE, SIDE FEED

44

2079383-7

SCR, BHSC, RoHS (M8 X 25)

41

2119645-1

DISC, NUMBERED FA WIRE ADJUSTMENT

40

2119957-1

APPLICATOR SHIM PACK

39

2119644-2

RAM WASHER, PRECISION

38

2119085-1

FA HEAD, ATLANTIC STYLE

37

2119092-1

BOLT, ADJUSTMENT

35

1-1752356-9

SUPPORT, TERMINAL

34

2079383-5

SCR, BHSC, RoHS (M4 X 20)

33

2161328-1

HEX HEAD, FLANGED, M5 x 8mm LONG

32

1-1320908-0

SPACER, STRIP GUIDE

30

2119959-1

ASSEMBLY, STRIP GUIDE

29

455888-5

SPACER, CRIMPER

28

1320928-2

STRIP GUIDE

24

2168083-2

SCR, SKT HD CAP, RoHS, M4 X 8.0

21

1-18028-2

WASHER, FLAT, REG M4

20

2119533-1

STRIPPER, SIDE FEED

19

2119806-1

INSERT, SHEAR

13

3-22280-3

SPRING, COMPRESSION

12

1-356885-4

STOP, SHEAR

11

2119805-1

SHEAR HOLDER, FRONT

10

318707-1

FLOATING SHEAR, FRONT

9

2-1333205-1

ANVIL, COMBINATION

8

2-240641-0

SPACER

7

-

-

6

2119781-1

DEPRESSOR, SHEAR

5

2-238011-2

BLOCK, CRIMPER SPACER

4

3-2119784-8

CRIMPER, INSULATION O PREMIUM

3

1-455888-0

SPACER, CRIMPER

2

2-456406-9

CRIMPER, WIRE PREMIUM

1

-77 -7 -6 -5 -2 -1

PART NO

DESCRIPTION

ITEM NO

-77 -7 -6 -5 -2 -1

PART NO

DESCRIPTION

ITEM NO

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

OWN: T. ELBIN 11MAR2013

CHK: T. ELBIN 12MAR2013

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.02 2 PLC ±.02 3 PLC ±.005 4 PLC ±.0005 ANGLES ±.1

MATERIAL: -

FINISH: -

APVD: T. ELBIN 12MAR2013

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

SIZE: A1

CAGE CODE: 00779

DRAWING NO: ©=2151204

RESTRICTED TO: -

Customer Accessible Production Drawing

SCALE: 1:1

SHEET: 1

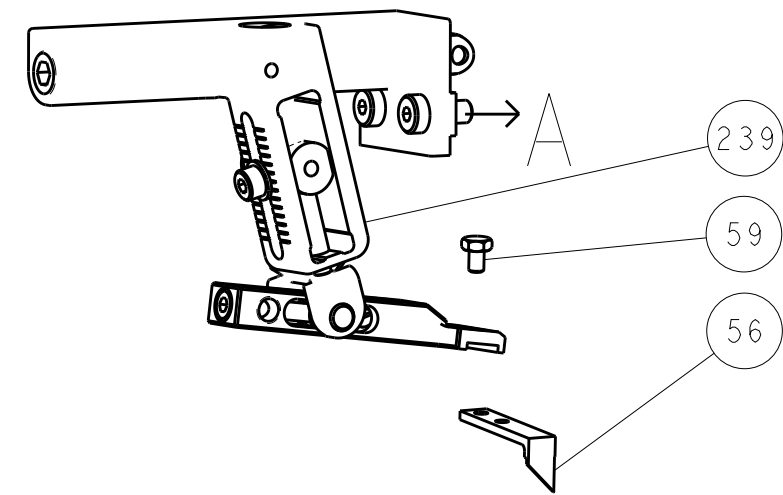
OF: 4

REV: B

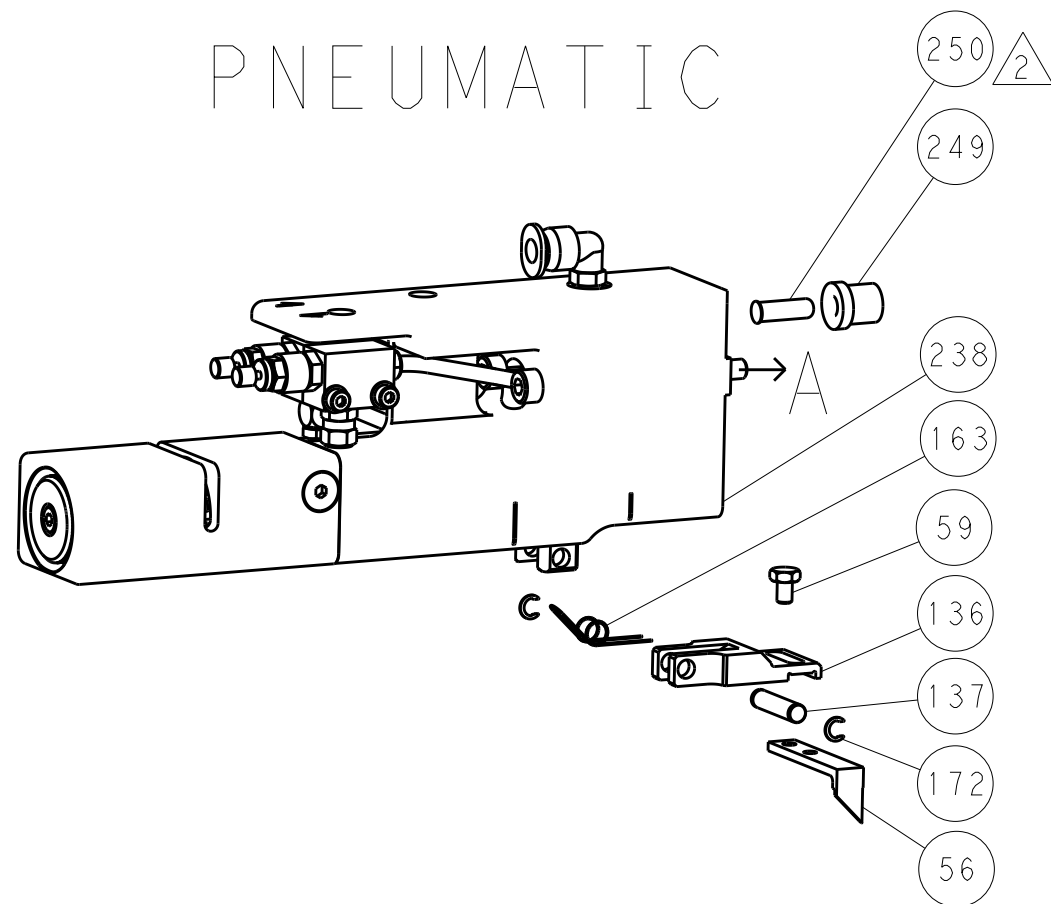
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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

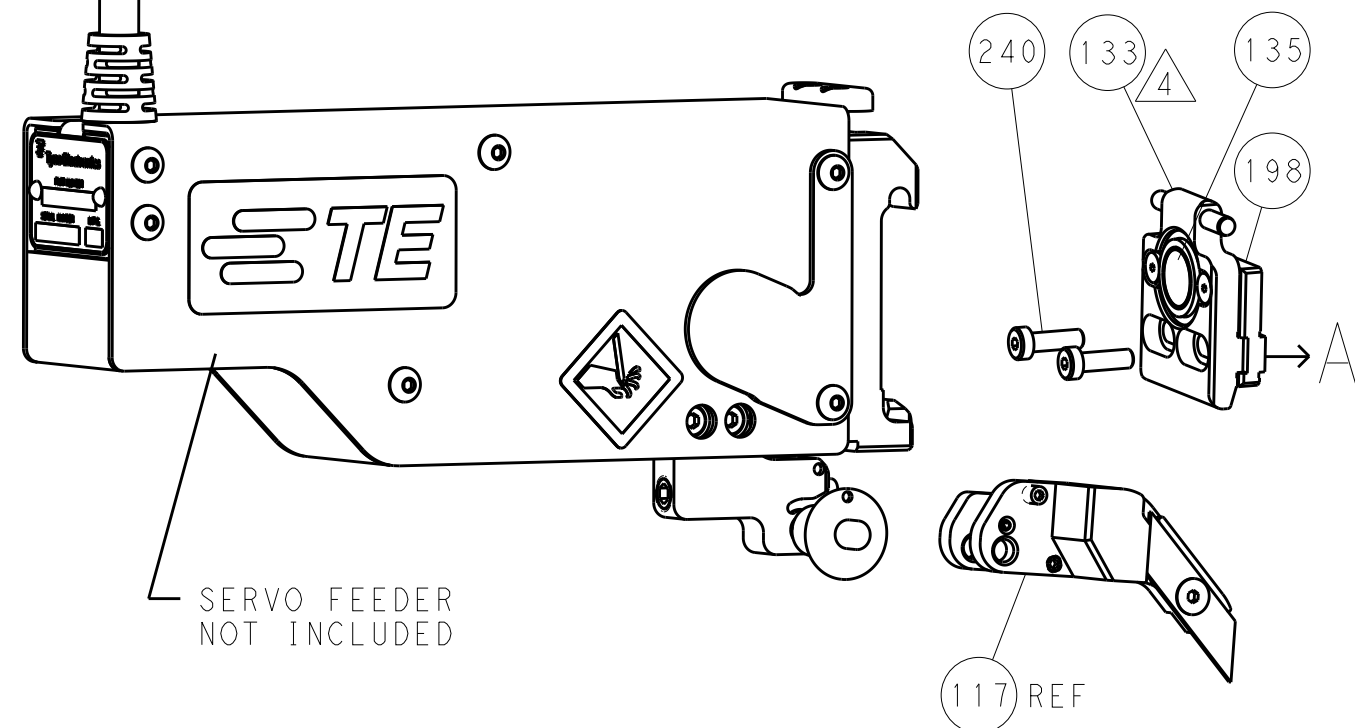
FEED TYPE
MECHANICAL



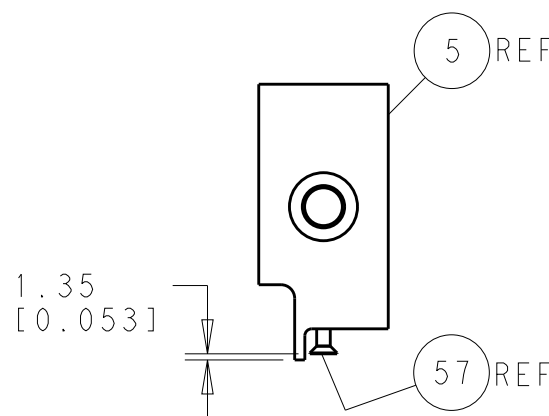
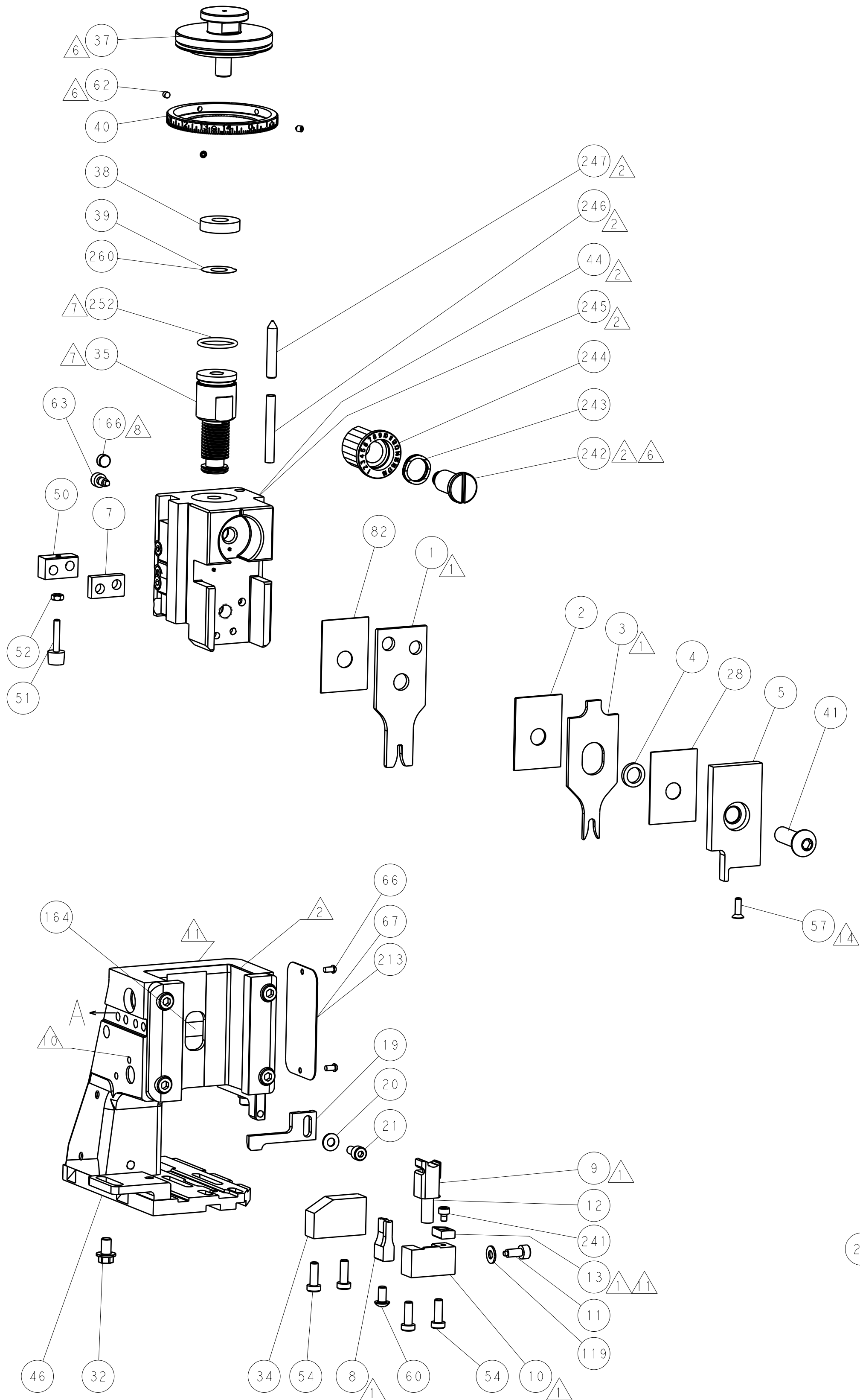
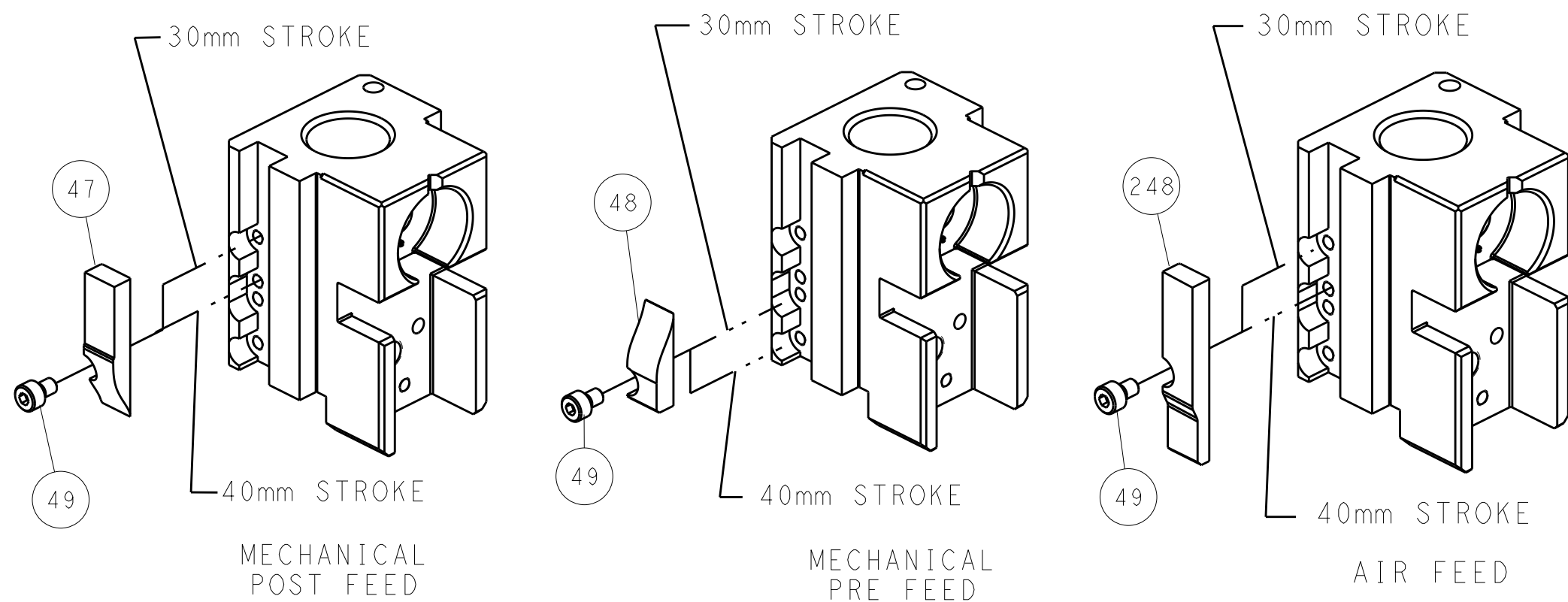
PNEUMATIC



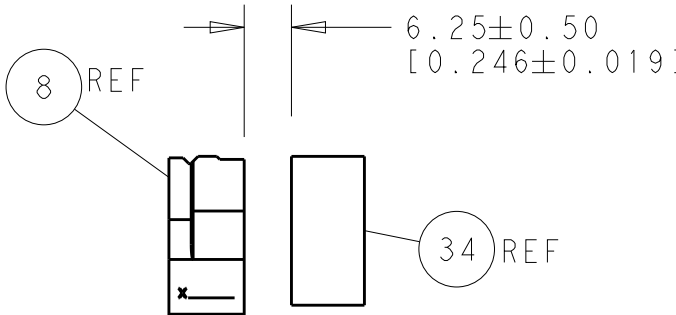
SERVO
LATCH PLATE



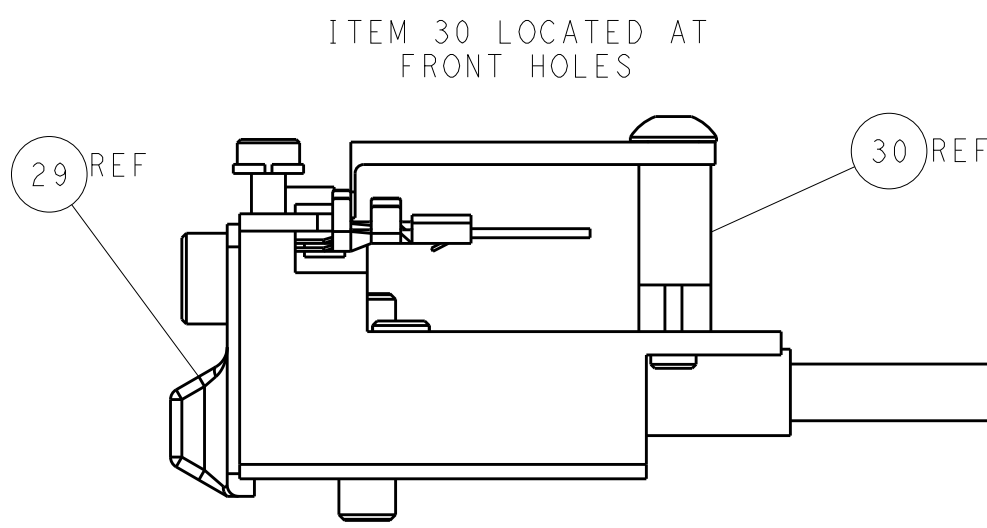
CAM POSITIONS



SHEAR DEPRESSOR DETAIL



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: HOFFNER 11MAR2013		TE Connectivity	
mm		0 PLC ±0.1		CHK: TELBIN 12MAR2013		Harrisburg, PA 17105-3608	
APVD: TELBIN 12MAR2013		1 PLC ±0.02		NAME		Ocean Side Feed	
PRODUCT SPEC		2 PLC ±0.02		APPLICATION SPEC		Applicator	
3 PLC ±0.005		4 PLC ±0.0005		SIZE		CAGE CODE	
FINISH		WEIGHT		DRAWING NO		RESTRICTED TO	
MATERIAL		Customer Accessible Production Drawing		A1 00779 ©=2151204		-	
SCALE		1:1		SHEET		REV	
2		4		B			

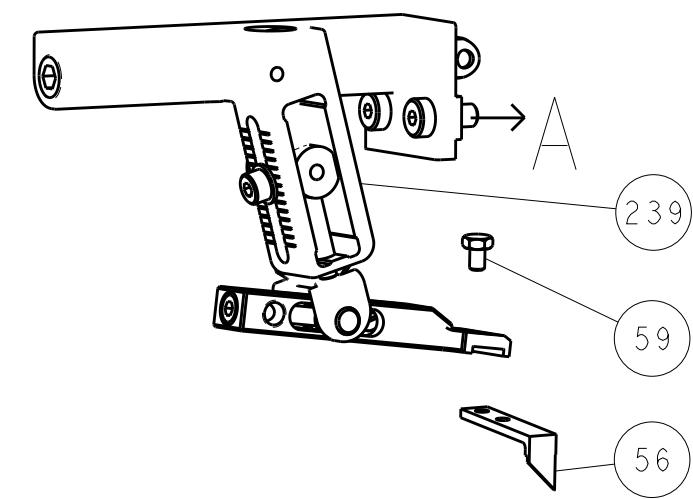
DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2003

C

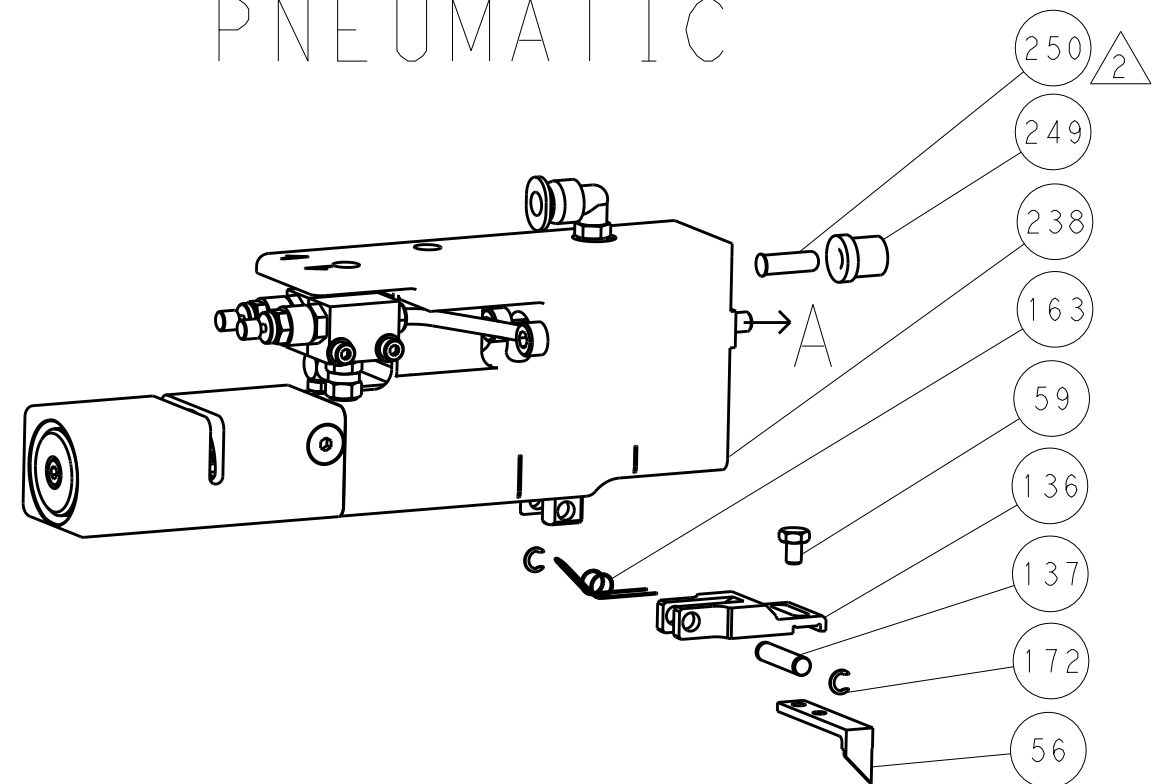
B

A

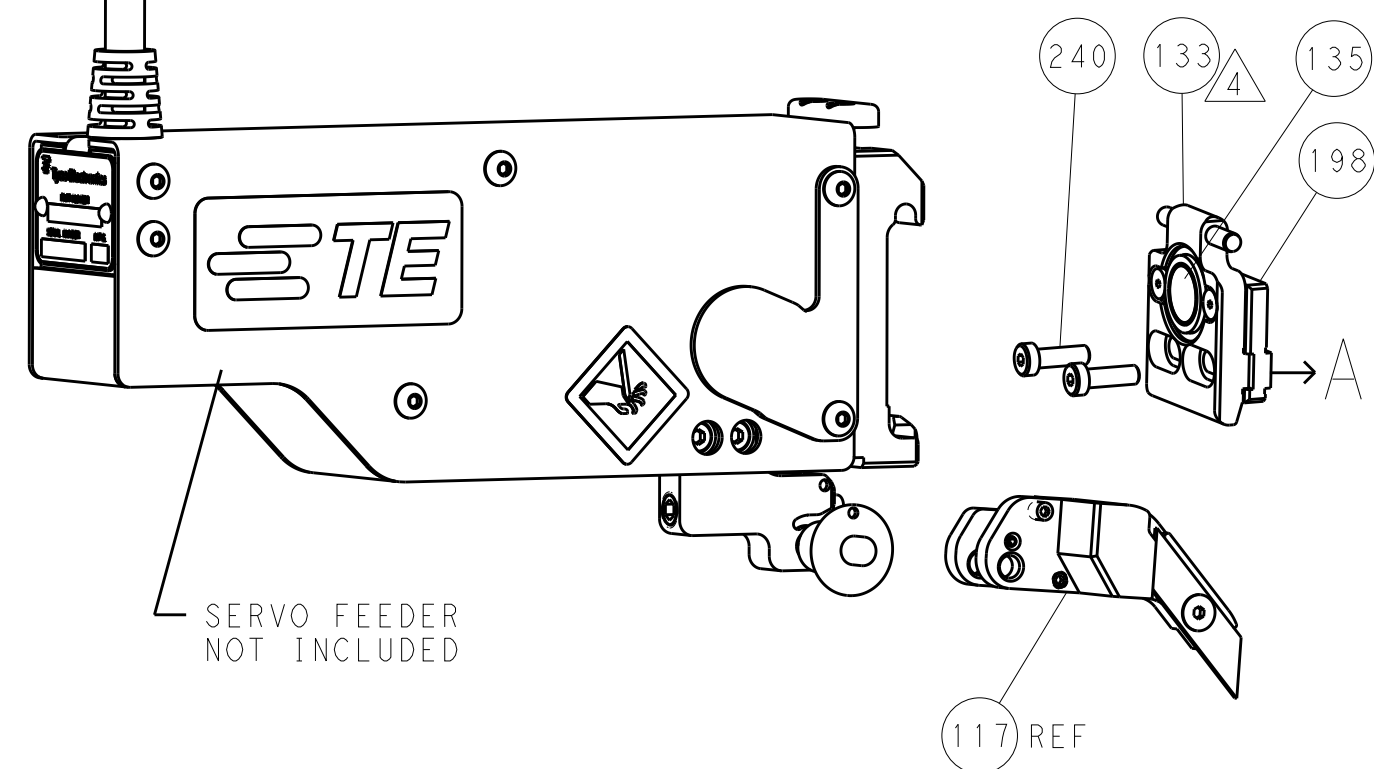
FEED TYPE MECHANICAL



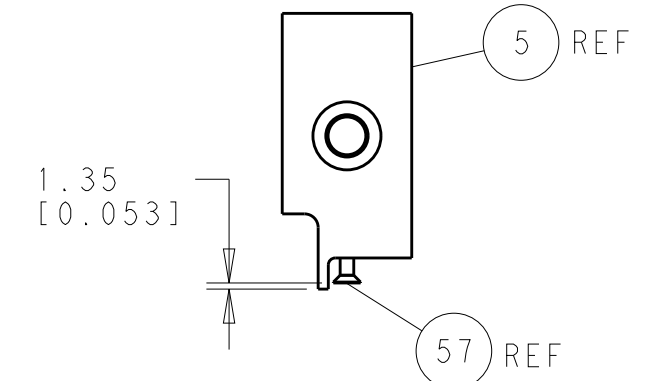
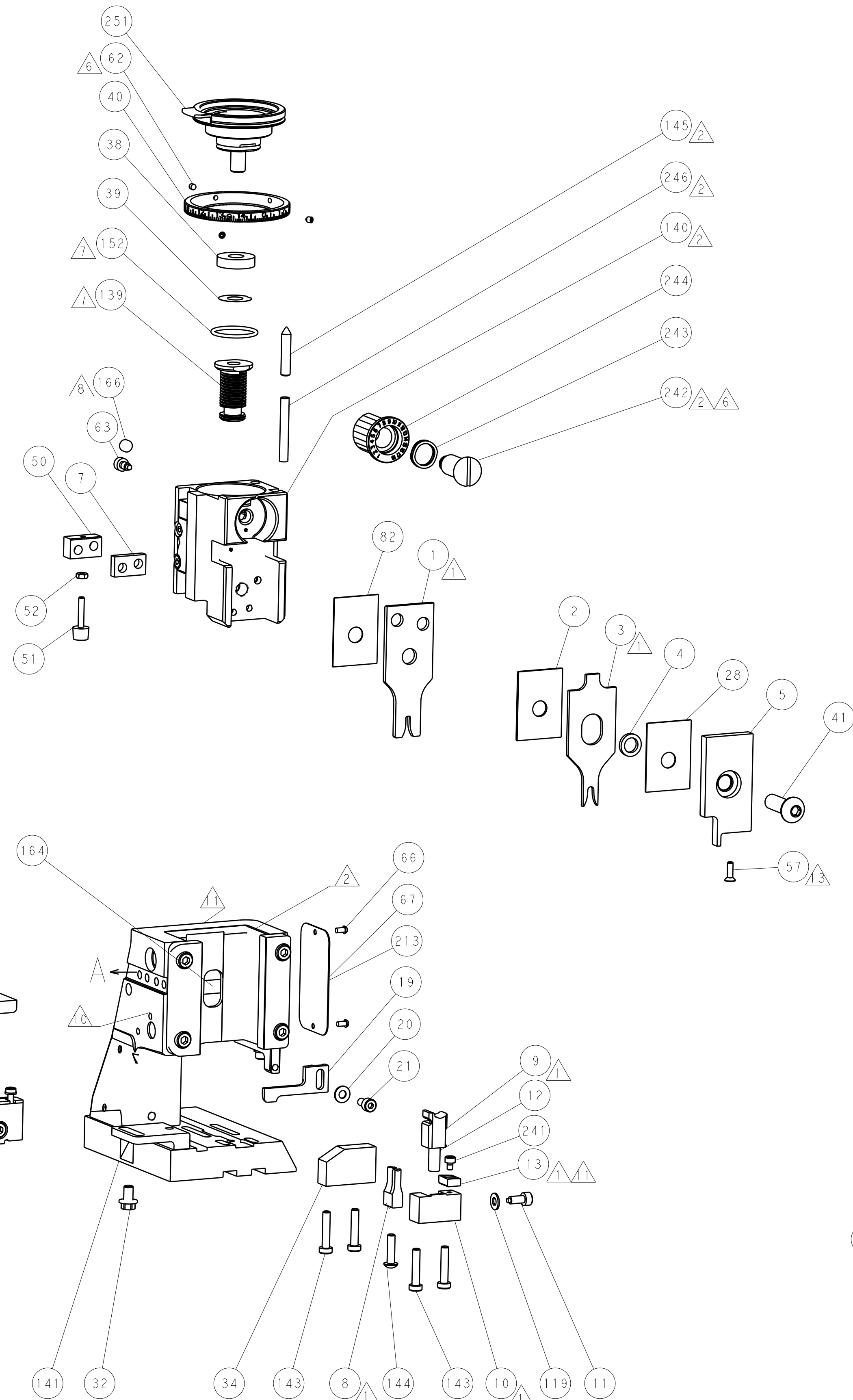
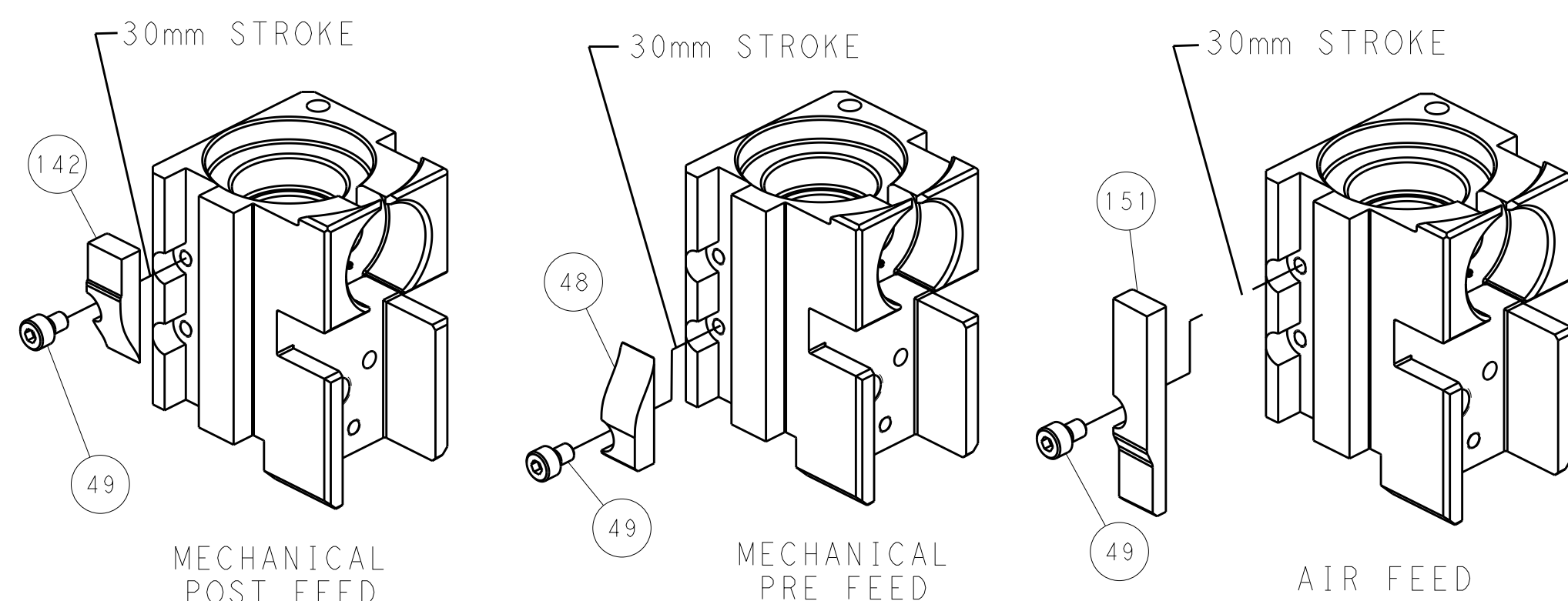
PNEUMATIC



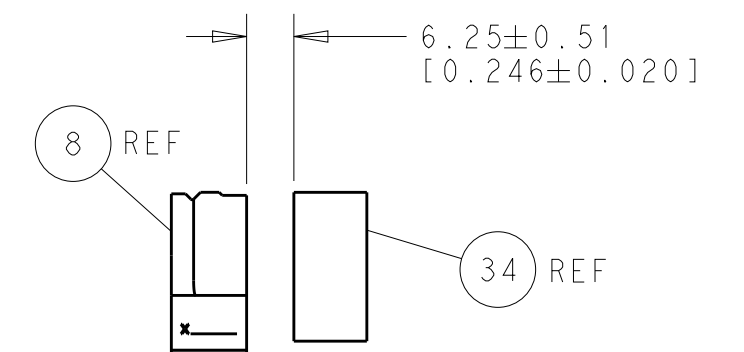
SERVO LATCH PLATE



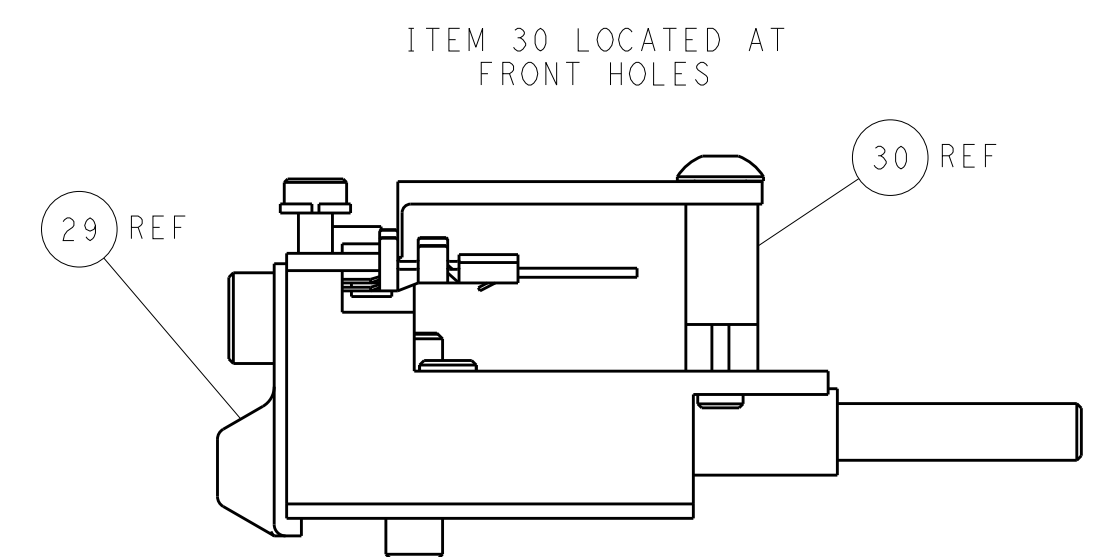
CAM POSITIONS



SHEAR DEPRESSOR DETAIL

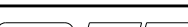
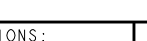


TERMINAL SUPPORT LOCATION



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)

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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK: T.ELBIN 12MAR2013								NAME:					
mm		0 PLC ±0.1 1 PLC ±0.02 2 PLC ±0.005 3 PLC ±0.0005 ANGLES		APVD: T.ELBIN 12MAR2013		PRODUCT SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
						APPLICATION SPEC		A1		00779		C=2151204					
MATERIAL		FINISH		WEIGHT		Customer Accessible Production Drawing		SCALE		1:1		SHEET 4		OF 4		REV B	

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