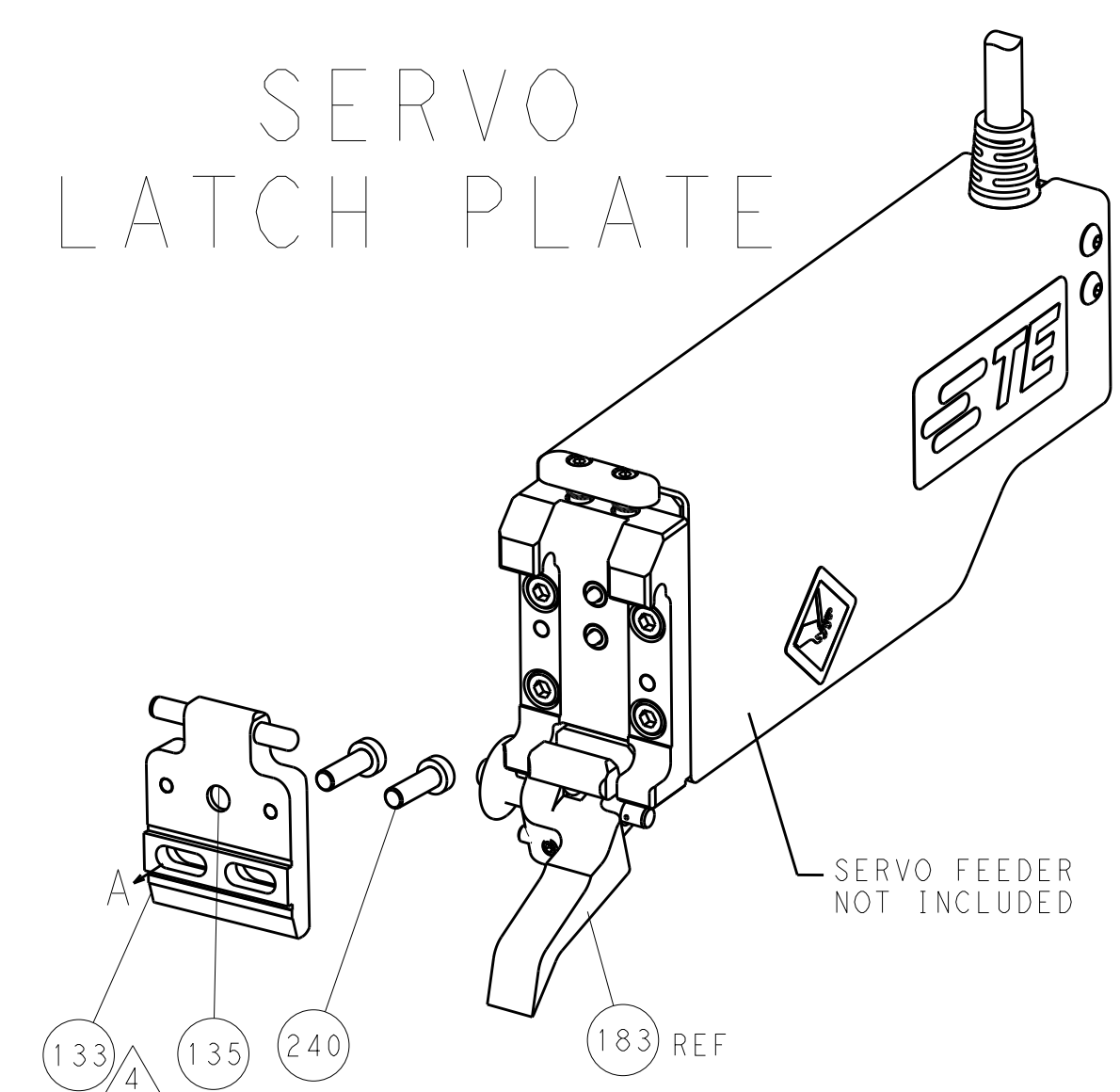
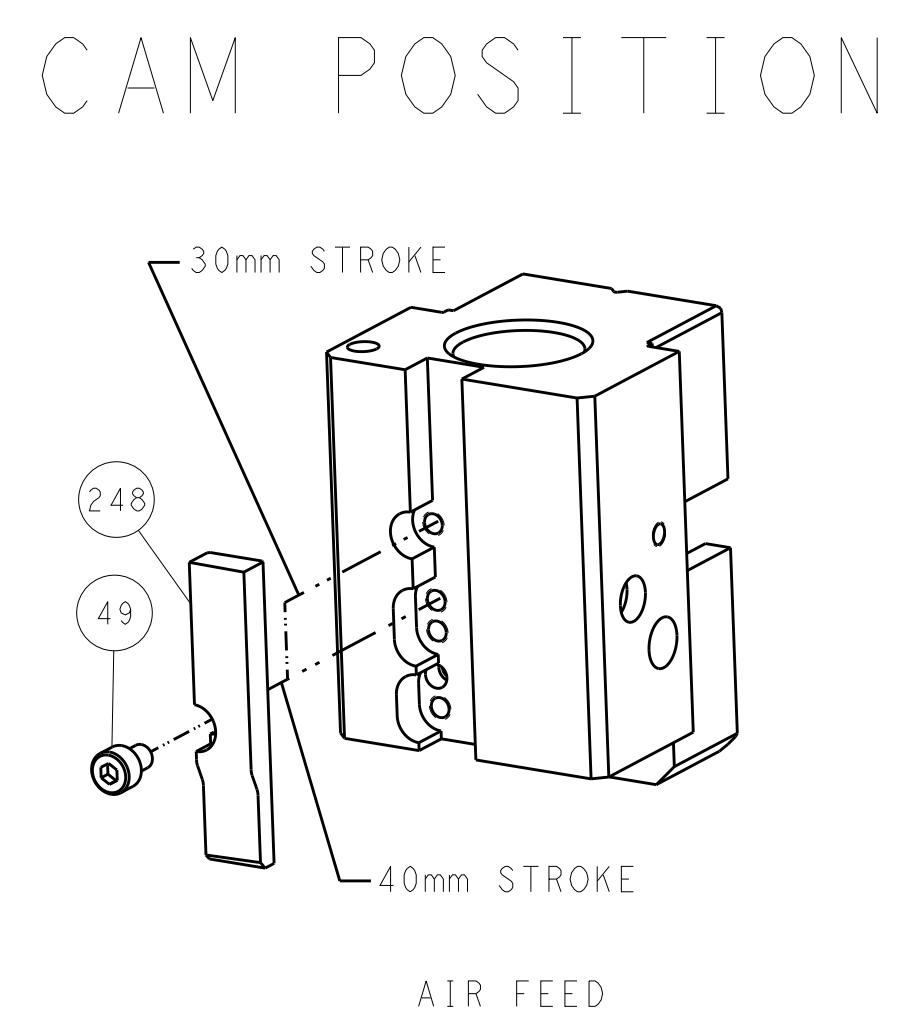
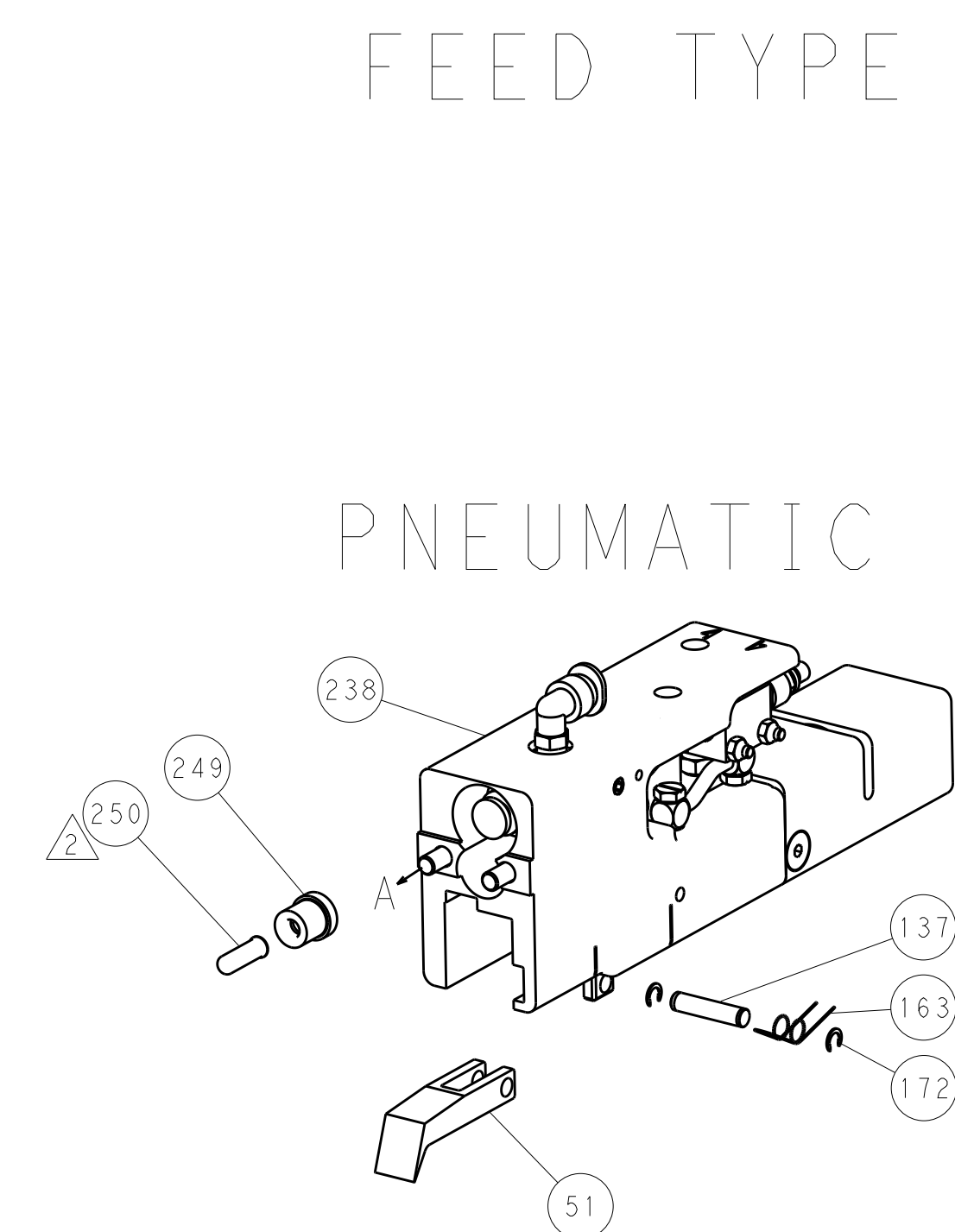
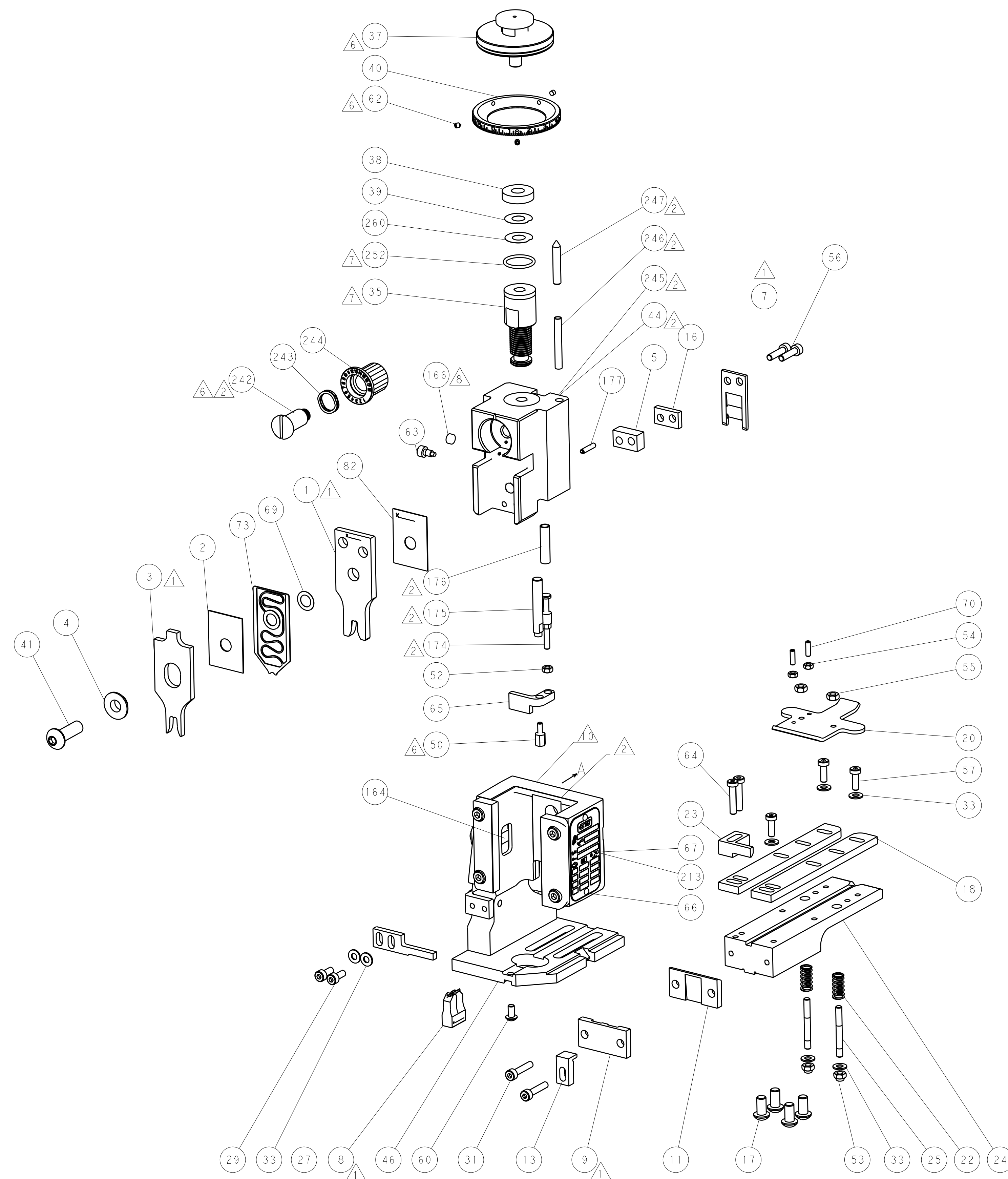
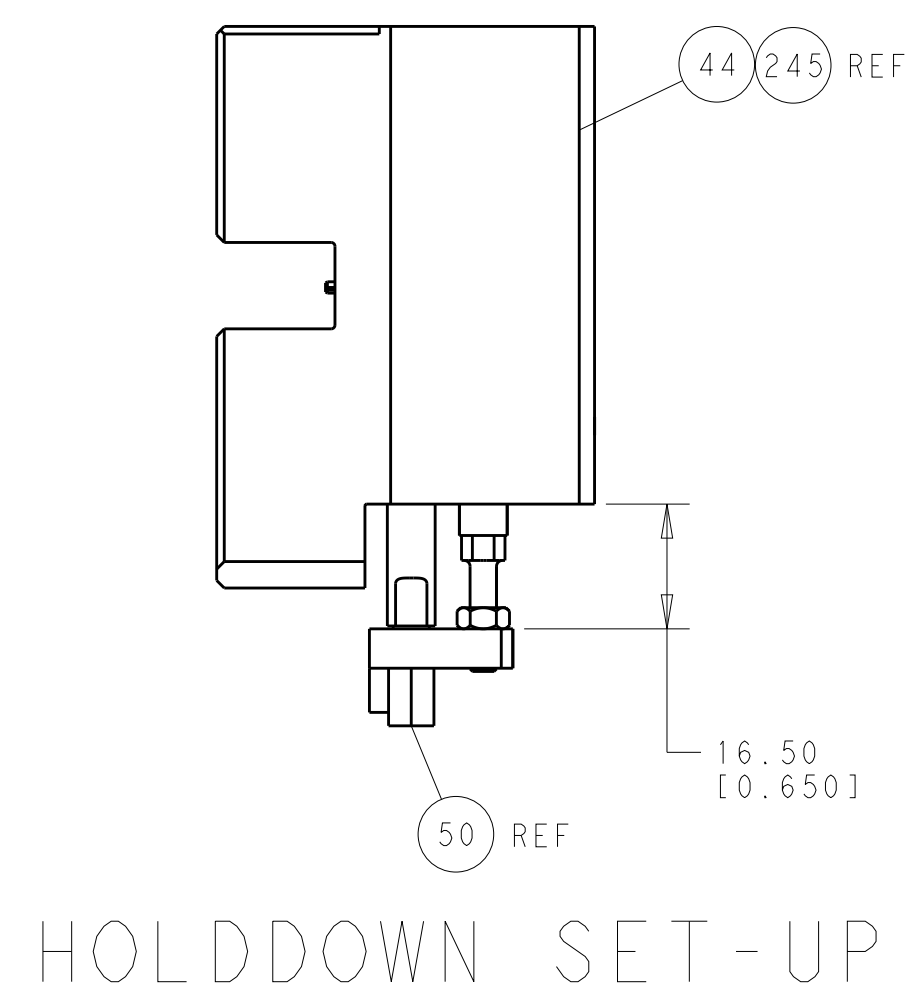
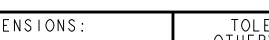




ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

THIS DRAWING IS A CONTROLLED DOCUMENT FOR THE ENGINEERING CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION MAY BE CONTACTED FOR THE LATEST REVISION		DWN Y YIN 26MAR2013		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS:		CHK G BAILEY 26MAR2013			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD U GUO 26MAR2013			
mm		PRODUCT SPEC		NAME	
 0 PLC ±.0001 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001		APPLICATION SPEC		Ocean End Feed Applicator	
MATERIAL		WEIGHT		RESTRICTED TO	
FINISH		SIZE		CAGE CODE	
-		A		DRAWING NO	
-		00779		C=2150320	
-		Customer Accessible Production Drawing		SCALE 1:1	
-		SHEET 2 OF 4		REV A	

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

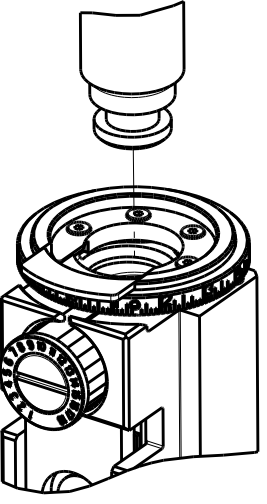
RELEASED FOR PUBLICATION

20

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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER



PART
NUMBER

2-2150320-2

REVISION

A

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

PNEUMATIC

CONVERT TO

SERVO LATCH PLATE

PART NUMBERS REQUIRED

2119951-1

1901697-1

8-2150320-5

-

-

-

2168400-7 (QUANTITY 2)

2-2150320-5

A

FINE CRIMP HEIGHT ADJUST

SERVO
LATCH PLATE

2119950-1

2119792-2

-

2119641-2

-

2063440-2

2-2150320-7

A

FINE CRIMP HEIGHT ADJUST

NONE

-

-

-

-

7-2150320-7

A

CRIMP TOOLING KIT

-

-

-

-

APPLICATOR DATA

CRIMP	SIZE	TYPE
WIRE	4.06 mm [1.60]	F
INSUL	5.60 mm [2.20]	F
APPL INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: FASTIN-FASTION REC. SERIES 9.5

WIRE STRIP LENGTH

6.60-7.20 mm [1.260-.283 IN]

INSULATION DIAMETER RANGE

Ø4.00-5.10 mm [1.157-.201 IN]

TERMINAL APPLICATION SPECIFICATION

114-18022

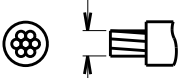
-

-

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
962833-1			

WIRE SIZE



CRIMP HEIGHT
mm [INCH]



CRIMP HEIGHT
REFERENCE SETTING



6.00mm2

2.86+/-0.05 [1.113+/-0.002]

8.0

5.00mm2

2.68+/-0.05 [1.106+/-0.002]

9.8

4.00mm2

2.50+/-0.05 [1.098+/-0.002]

12.0



RECOMMENDED SPARE PARTS

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: 8-2150320-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150320-5

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.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.

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. PRODUCT SPECIFICATION (RE: TENSILE VALUES ETC) IS 108-18149-1

-

1

1

1

2119782-1

FINE ADJUST HEAD ASM, PACIFIC STYLE

251

-

-

-

1

2119640-1

PUSH ROD, AIR FEED

250

-

-

-

1

2079988-1

BUSHING, LCH5-12, MISUMI

249

-

1

1

1

1-22279-3

SPRING, COMPRESSION

246

-

1

1

1

2119082-9

CAM, SNAIL, INSULATION ADJUSTMENT

244

-

1

1

1

2079764-1

WASHER, WAVE SPRING, CREST-TO-CREST

243

-77-27-25-22

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
2119599-2

LOC
A

DIST
66

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

6

-

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

-

-

2

-

2168400-7

SHCS, LOW HEAD, RoHS, M5 X 10

240

-

-

-

-

2119580-1

MECHANICAL FEED ASSEMBLY

239

-

-

-

1

2063440-2

AIR FEED MODULE

238

-

-

1

-

2119740-2

TAG,IDENTIFICATION

213

-

4

4

4

2079383-9

SCR, BHSC, RoHS (M6 X 20)

186

-

-

REF

-

1901697-1

FEED FINGER ASSEMBLY,EF

183

-

1

1

1

6-993111-6

PIN, SLOTTED SPRING 3.0 X 14.0

177

-

1

1

1

8-22280-7

SPRING, COMPRESSION

176

-

1

1

 1 | 1752353-2 | GUIDE PIN,HOLDDOWN | 175 || - | 1 | 1 | 1 | 1901680-2 | GUIDE PIN,HOLDDOWN | 174 |
-	-	-	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	1	240638-1	SPRING, FEED FINGER	163
-	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	153
-	-	-	1	2119641-2	FEED CAM, AIR FEED	152
-	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	1	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1	2119651-1	RAM, ASIAN STYLE, END FEED	140
-	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	REF	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	455888-4	SPACER, CRIMPER	82
-	1	1	1	2119791-9	DEPRESSOR, WIRE	73
-	1	1	1	2119956-2	DOCUMENTATION PACKAGE	71
-	2	2	2	2-18032-2	SCR, SET, FLT POINT M3 X 10.0	70
-	1	1	1	2119943-1	WASHER, SPACER	69
-	1	-	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1901681-1	HOLDDOWN, TERMINAL	65
-	2	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63
-	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	-	-	-	2063961-1	FEED FINGER	58
-	3	3	3	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	57
-	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	56
-	2	2	2	5018030-2	NUT, HEX, REG, RoHS, M4	55
-	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	-	-	1	2119792-2	PAWL, EF, AIR	51
-	1	1	1	1-1752354-5	STANDOFF,HOLD-DOWN	50
-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	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	2119644-2	RAM WASHER, PRECISION	38
-	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	29
-	1	1	1	690455-3	STRIPPER, FRONT CASTING	27
-	2	2	2	1320906-1	STUD, THREADED	25
-	1	1	1	1-1752371-5	PLATE, STRIP GUIDE	24
-	1	1	1	240825-1	PLATE, STRIP HOLD DOWN	23
-	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1752373-4	DRAG	20
-	2	2	2	1901259-8	GUIDE, LOWER STRIP	18
-	1	1	1	2-240641-4	SPACER	16
-	1	1	1	1752360-1	SPACER,HOLD-DOWN	13
-	1	1	1	240833-3	PLATE, REAR SHEAR	11
-	-	-	-	-	-	10
-	1	1	1	690482-5	PLATE, FRONT SHEAR	9
1	1	1	1	1333223-9	ANVIL, COMBINATION	8
-	1	1	1	2217206-7	BLADE, SLUG	7
-	-	-	-	-	-	6
-	1	1	1	2-240641-7	SPACER	5
-	1	1	1	2-238009-9	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	7-2119582-4	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	455888-5	SPACER, CRIMPER	2
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-77-27-25-22	PART NO	DESCRIPTION	ITEM NO			

114-18022





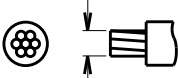
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-

TERMINALS APPLIED

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
962833-1			

WIRE SIZE



CRIMP HEIGHT
mm [INCH]



CRIMP HEIGHT
REFERENCE SETTING



6.00mm2

2.86+/-0.05 [1.113+/-0.002]

8.0

5.00mm2

2.68+/-0.05 [1.106+/-0.002]

9.8

4.00mm2

2.50+/-0.05 [1.098+/-0.002]

12.0



RECOMMENDED SPARE PARTS

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: 8-2150320-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150320-5

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.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.

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. PRODUCT SPECIFICATION (RE: TENSILE VALUES ETC) IS 108-18149-1

6

-

1

1

1

2119083-1

RETAINER, INSULATION DIAL

242

-

-

2

-

2168400-7

SHCS, LOW HEAD, RoHS, M5 X 10

240

-

-

-

-

2119580-1

MECHANICAL FEED ASSEMBLY

239

-

-

-

1

2063440-2

AIR FEED MODULE

238

-

-

1

-

2119740-2

TAG,IDENTIFICATION

213

-

4

4

4

2079383-9

SCR, BHSC, RoHS (M6 X 20)

186

-

-

REF

-

1901697-1

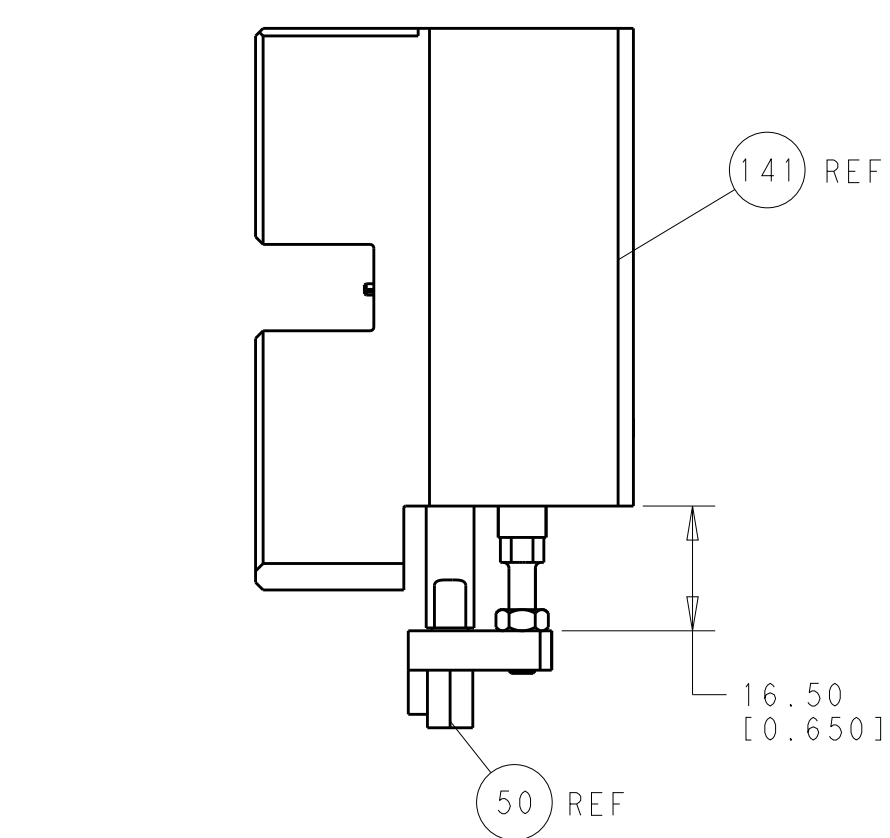
FEED FINGER ASSEMBLY,EF

183

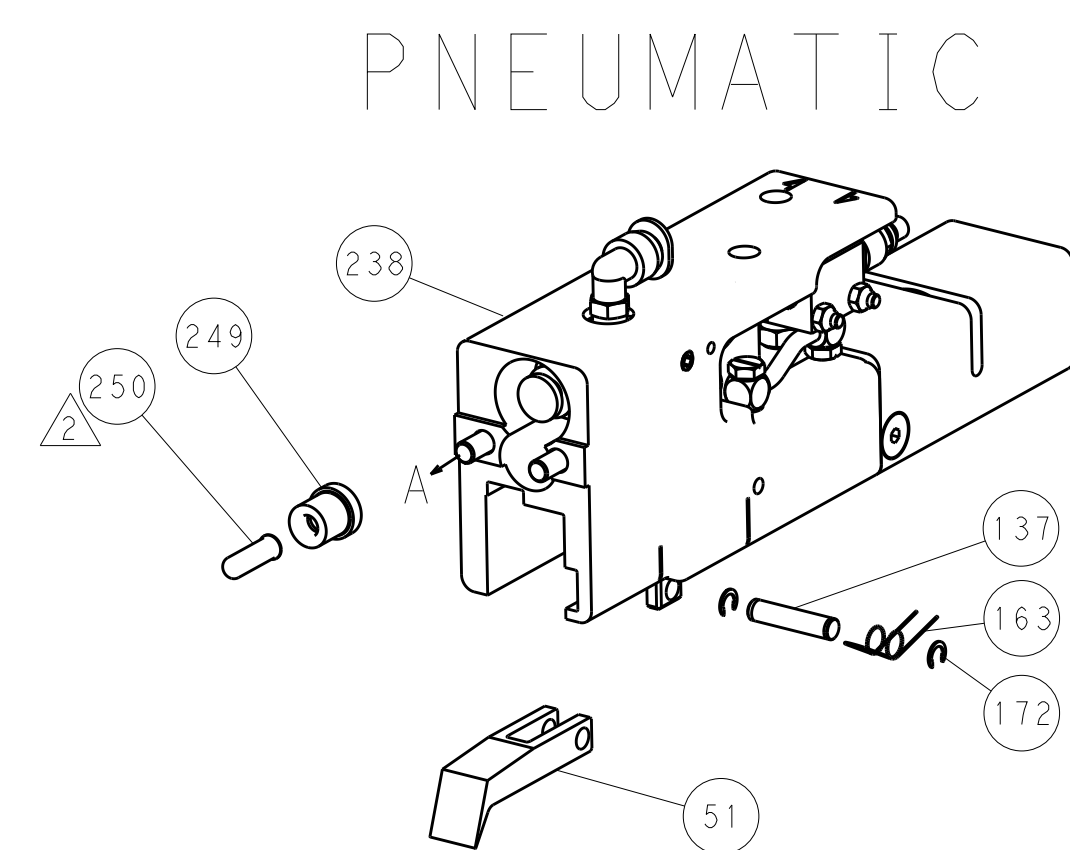
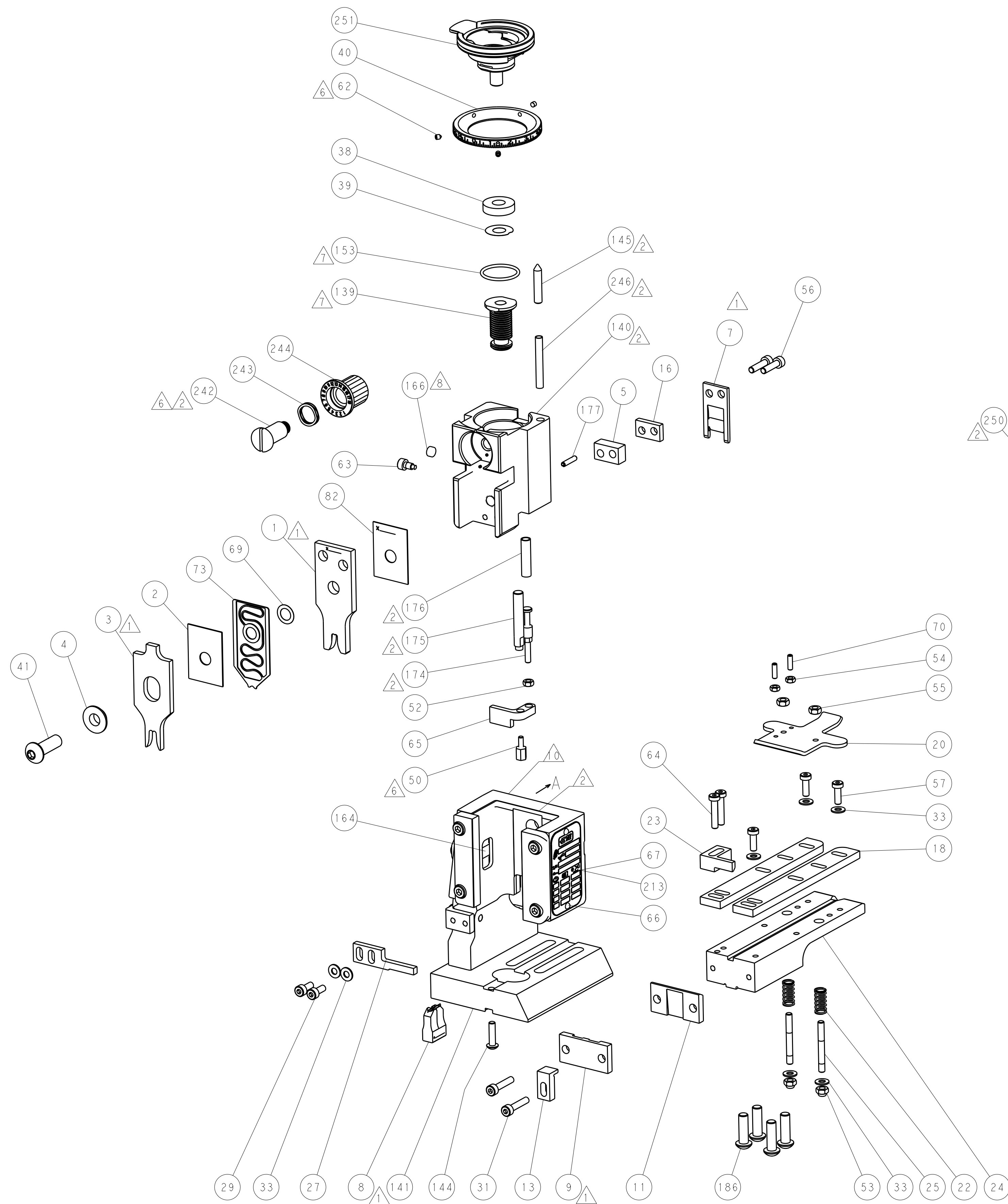
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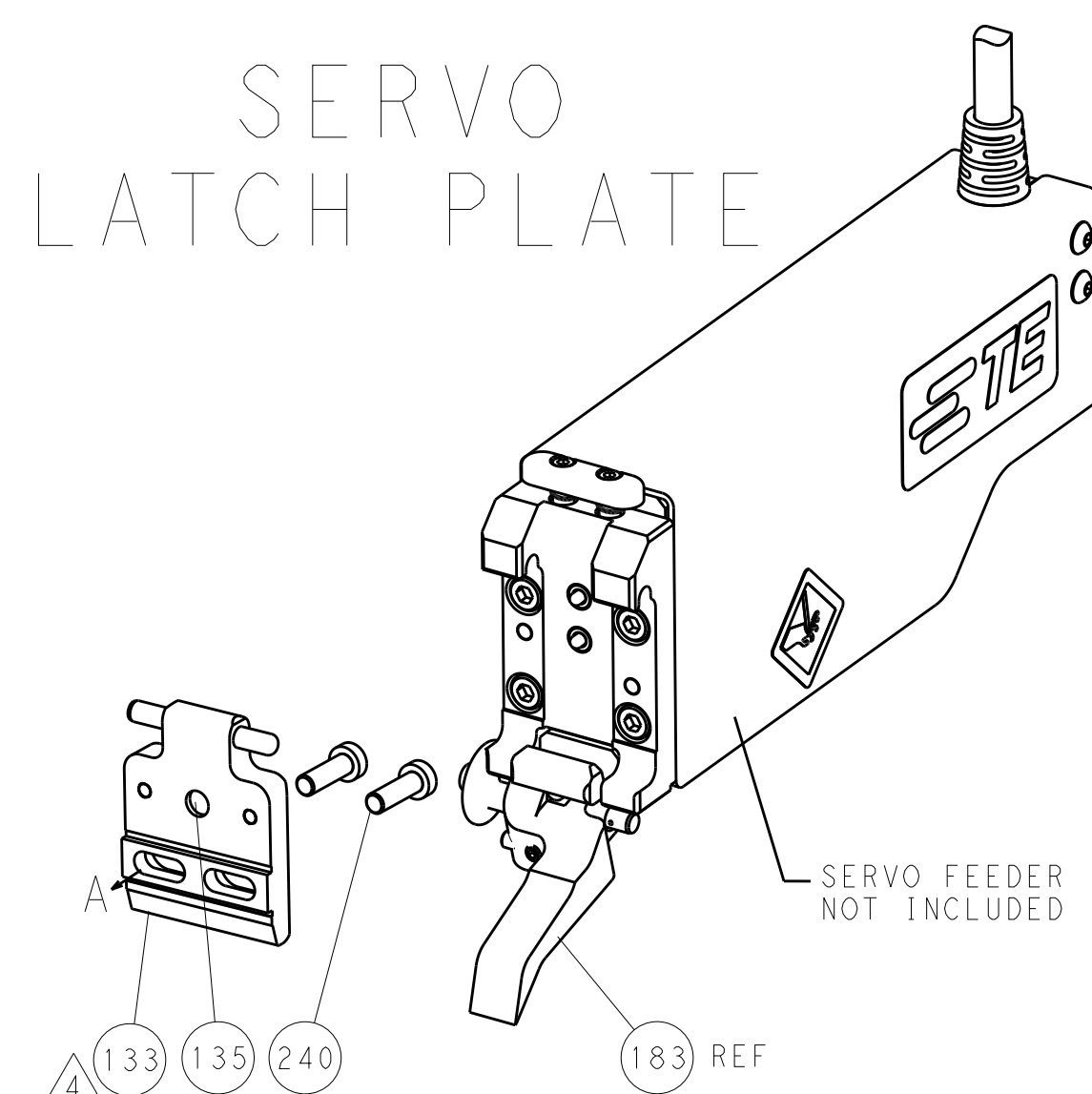
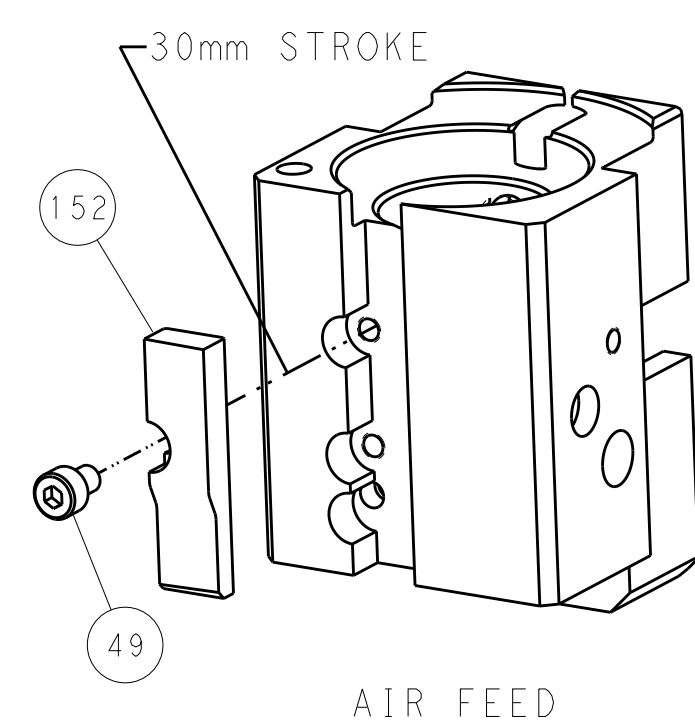
1 1 | 6-993111-6 | PIN, SLOTTED SPRING 3.0 X 14.0 | 177 || - | 1 | 1 | 1 | 8-22280-7 | SPRING, COMPRESSION | 176 |
-	1	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	-	-	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
-	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	-	-	1	240638-1	SPRING, FEED FINGER	163
-	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	153
-	-	-	1	2119641-2	FEED CAM, AIR FEED	152
-	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	1	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1	2119651-1	RAM, ASIAN STYLE, END FEED	140
-	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	REF	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	455888-4	SPACER, CRIMPER	82
-	1	1	1	2119791-9	DEPRESSOR, WIRE	73
-	1	1	1	2119956-2	DOCUMENTATION PACKAGE	71
-	2	2	2	2-18032-2	SCR, SET, FLT POINT M3 X 10.0	70
-	1	1	1	2119943-1	WASHER, SPACER	69
-	1	-	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1901681-1	HOLDDOWN, TERMINAL	65
-	2	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	1	1	2119793-1	LIMITER, ADJUSTMENT BOLT	63
-	3	3	3	992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	62
-	-	-	-	2063961-1	FEED FINGER	58
-	3	3	3	2168400-1	SHCS, LOW HEAD, RoHS, M4 X 12	57
-	2	2	2	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	56
-	2	2	2	5018030-2	NUT, HEX, REG, RoHS, M4	55
-	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	-	-	1	2119792-2	PAWL, EF, AIR	51
-	1	1	1	1-1752354-5	STANDOFF,HOLD-DOWN	50
-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	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	2119644-2	RAM WASHER, PRECISION	38
-	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	29
-	1	1	1	690455-3	STRIPPER, FRONT CASTING	27
-	2	2	2	1320906-1	STUD, THREADED	25
-	1	1	1	1-1752371-5	PLATE, STRIP GUIDE	24
-	1	1	1	240825-1	PLATE, STRIP HOLD DOWN	23
-	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1752373-4	DRAG	20
-	2	2	2	1901259-8	GUIDE, LOWER STRIP	18
-	1	1	1	2-240641-4	SPACER	16
-	1	1	1	1752360-1	SPACER,HOLD-DOWN	13
-	1	1	1	240833-3	PLATE, REAR SHEAR	11
-	-	-	-	-	-	10
-	1	1	1	690482-5	PLATE, FRONT SHEAR	9
1	1	1	1	1333223-9	ANVIL, COMBINATION	8
-	1	1	1	2217206-7	BLADE, SLUG	7
-	-	-	-	-	-	6
-	1	1	1	2-240641-7	SPACER	5
-	1	1	1	2-238009-9	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	7-2119582-4	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	455888-5		



HOLDDOWN SET-UP

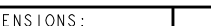


PNEUMATIC

SERVO
LATCH PLATE

AIR FEED

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 THE EURO ELECTRONICS CORPORATION IT IS SUBJECT TO THE TERMS AND CONDITIONS OF THE SUPPLY AGREEMENT. ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN: 26MAR2013 Y. YIN CHR: 26MAR2013 G. BAILEY APVD: 26MAR2013 W. GUO		 TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.01 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.01		NAME: Ocean End Feed Applicator -	
		PRODUCT SPEC: - APPLICATION SPEC: -		SIZE: - CAGE CODE: - DRAWING NO: 00779 ©-2150320	
MATERIAL: - FINISH: -		WEIGHT: -		RESTRICTED TO: - A 00779 ©-2150320	
		Customer Accessible Production Drawing		SCALE: 1:1 SHEET 4 of 4 REV A	