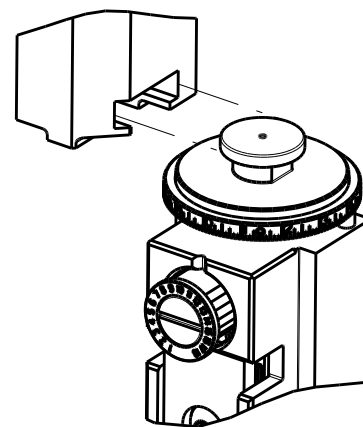


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ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION
	2150037-2	B	FINE CRIMP HEIGHT ADJUST
	2150037-5	B	FINE CRIMP HEIGHT ADJUST
	2150037-6	B	NON-CRIMP HEIGHT ADJUST
	2150037-7	B	FINE CRIMP HEIGHT ADJUST
	7-2150037-7	A	CRIMP TOOLING KIT

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.29 mm [.090]	F
INSUL	3.56 mm [.140]	F
APPLICATOR INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: FASTIN-FASTON, .250 SERIES			
WIRE STRIP LENGTH 5.21-5.97 mm [.205-.235 IN]		INSULATION DIAMETER RANGE Ø2.16-3.17 mm [.085-.125 IN]	
TERMINAL APPLICATION SPECIFICATION	(A) 114-2025	-	-
TERMINALS APPLIED			
TE TERMINAL (A) 60294-1	TE TERMINAL (A) 60294-2	TE TERMINAL (A) 62553-1	TE TERMINAL (A) 62553-3

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	1.35+/-0.05 [.053+/- .002]	5.1
20 AWG	1.22+/-0.05 [.048+/- .002]	6.7
22 AWG	1.17+/-0.05 [.046+/- .002]	7.2



- 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: 8-2150037-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150037-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2150037-6
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 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 DATA: TE TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: FASTIN-FASTON, .250 SERIES			
WIRE STRIP LENGTH 5.21-5.97 mm [.205-.235 IN]		INSULATION DIAMETER RANGE Ø2.16-3.17 mm [.085-.125 IN]	
TERMINAL APPLICATION SPECIFICATION	(B) 114-20021	-	-
TERMINALS APPLIED			
TE TERMINAL (B) 160691-1	TE TERMINAL (B) 160691-4	TE TERMINAL (B) 160691-7	
(B) 160691-2	(B) 160691-5	(B) 160645-1	
(B) 160691-3	(B) 160691-6	(B) 160645-2	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	1.32+/-0.05 [.052+/- .002]	5.3
20 AWG	1.22+/-0.05 [.048+/- .002]	6.7
22 AWG	1.14+/-0.05 [.045+/- .002]	7.4

*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

-	-	1	-	-	2119957-2	APPLICATOR SHIM PACK	260
-	1	-	1	1	8-21084-0	O-RING, .676 ID, .070 DIA. MAT.	252
-77	-7	-6	-5	-2	PART NO	DESCRIPTION	ITEM NO

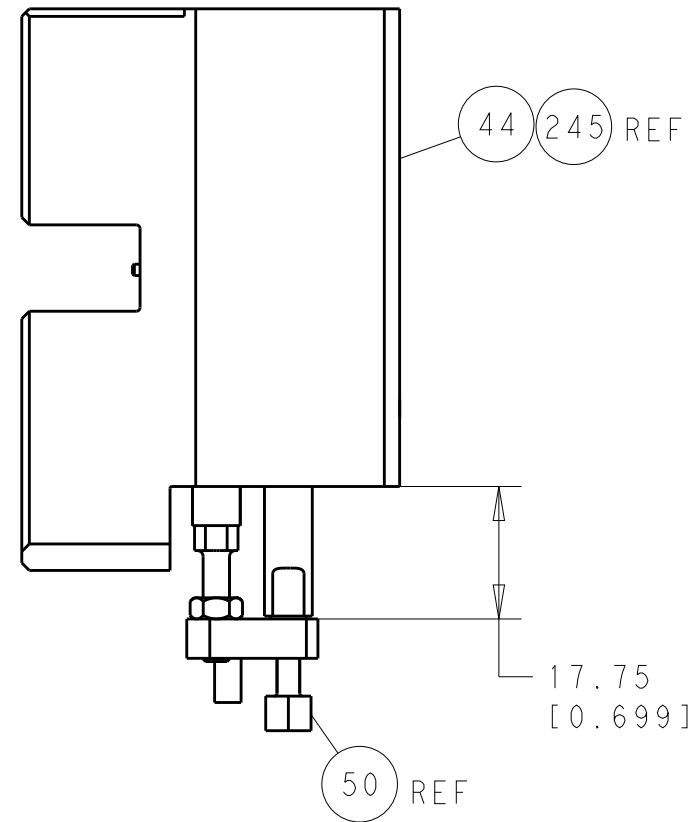
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

SET UP GAUGE 2119599-2	LOC A	DIST 66	REVISIONS				
			P	LTR	DESCRIPTION	DATE	DWN
				1	DEVELOPMENT	12JAN2012	YY SX
				2	UPDATED	11MAR2013	YY UG
				A	RELEASED	18APR2013	YY UG
				B	ECR-14-007234	15MAY2014	XZ TE

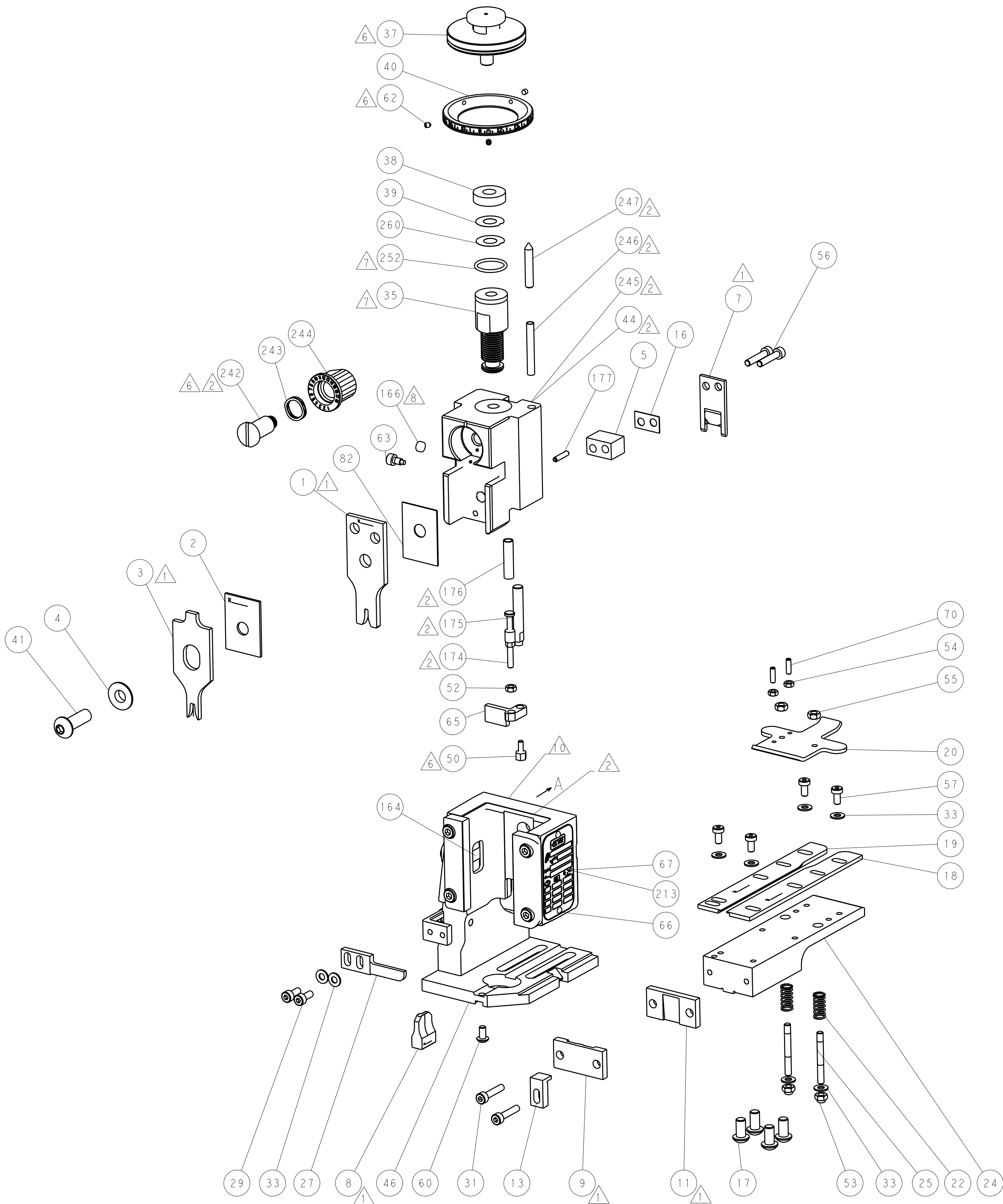
-	-	-	-	1	2119640-1	PUSH ROD, AIR FEED	250
-	-	-	-	1	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	-	-	-	1	2119641-1	FEED CAM, AIR FEED	248
-	1	-	1	1	2119798-1	DETENT PIN	247
-	1	-	1	1	1-22279-3	SPRING, COMPRESSION	246
-	-	1	-	-	2119759-1	RAM, AMP STYLE, END FEED, NON-ADJUST	245
-	1	1	1	1	2119082-9	CAM, SNAIL, 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
-	-	2	2	-	2168400-7	SHCS, LOW HEAD, RoHS, M5 X 10	240
-	-	-	-	1	2063440-2	AIR FEED MODULE	238
-	-	1	1	-	2119740-2	TAG, IDENTIFICATION	213
-	-	REF	REF	-	1901697-1	FEED FINGER ASSEMBLY, EF	183
-	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	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
-	-	REF	REF	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	1	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	455888-5	SPACER, CRIMPER	82
-	1	1	1	1	2119956-2	DOCUMENTATION PACKAGE	71
-	2	2	2	2	2-18032-2	SCR, SET, FLT POINT M3 X 10.0	70
-	1	-	-	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	1976052-1	HOLDDOWN, TERMINAL	65
-	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
-	4	4	4	4	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	56
-	2	2	2	2	5018030-2	NUT, HEX, REG, RoHS, M4	55
-	2	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	-	-	-	1	2119792-2	PAWL, EF, AIR	51
-	1	1	1	1	1752354-3	STANDOFF, HOLD-DOWN	50
-	-	-	-	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	1	1	1	1	2119655-5	APPLICATOR BASIC ASSEMBLY, EF	46
-	1	-	1	1	2119369-1	RAM, AMP STYLE, END 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
-	8	8	8	8	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	29
-	1	1	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	2	2	1320906-1	STUD, THREADED	25
-	1	1	1	1	1752371-5	PLATE, STRIP GUIDE	24
-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1752373-4	DRAG	20
-	1	1	1	1	1-1901696-8	STRIP GUIDE, REAR	19
-	1	1	1	1	1-1901695-8	STRIP GUIDE, FRONT	18
-	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
-	1	1	1	1	5-240641-8	SPACER	16
-	1	1	1	1	1752360-1	SPACER, HOLD-DOWN	13
-	1	1	1	1	240644-1	PLATE, REAR SHEAR	11
-	-	-	-	-	-	-	10
-	1	1	1	1	690482-3	PLATE, FRONT SHEAR	9
-	1	1	1	1	1338673-6	ANVIL, COMBINATION	8
-	1	1	1	1	1-2217206-3	BLADE, SLUG	7
-	1	1	1	1	7-240641-4	SPACER	5
-	1	1	1	1	238009-1	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	1	2-1633961-3	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	1-455888-2	SPACER, CRIMPER	2
-	1	1	1	1	1-456406-6	CRIMPER, WIRE PREMIUM	1
-77	-7	-6	-5	-2	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND WITHOUT WARRANTY. THE USER SHALL BE CONTACTED FOR THE LATEST REVISION.		DWN T. YIN 12JAN2012	STE TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK G. BAILEY 12JAN2012	NAME Ocean End Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. XI 12JAN2012	PRODUCT SPEC	
		APPLICATION SPEC		
MATERIAL -		WEIGHT -	SIZE A	CAGE CODE 00779
Customer Accessible Production Drawing		SCALE 1:1	DRAWING NO C=2150037	RESTRICTED TO -
		SHEET 1		OF 4
		REV B		

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

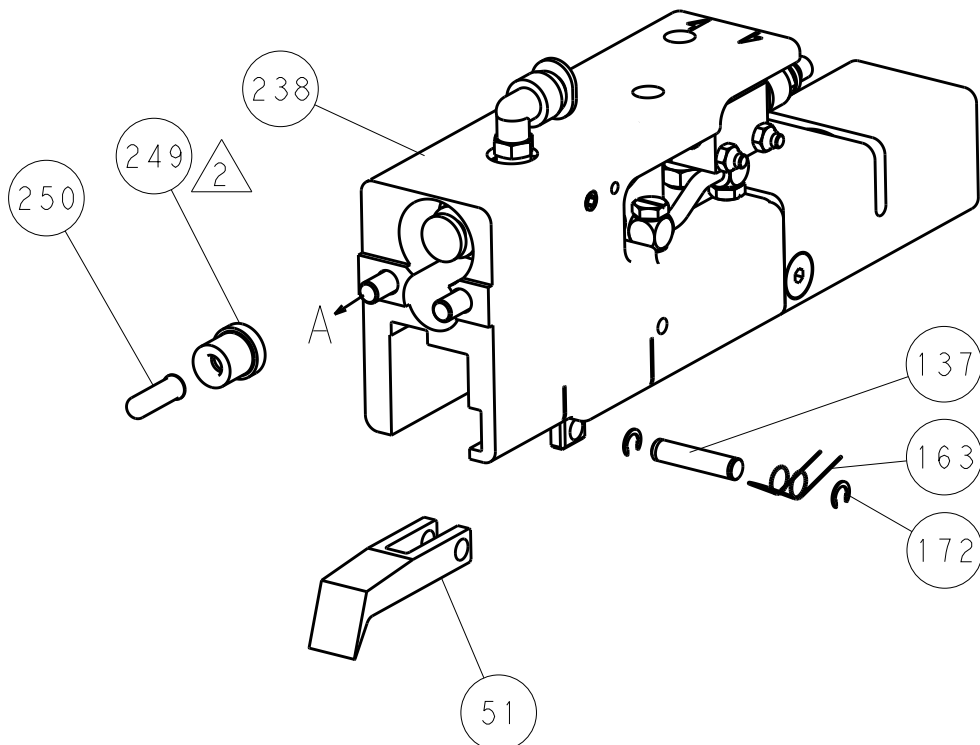


HOLDDOWN SET-UP

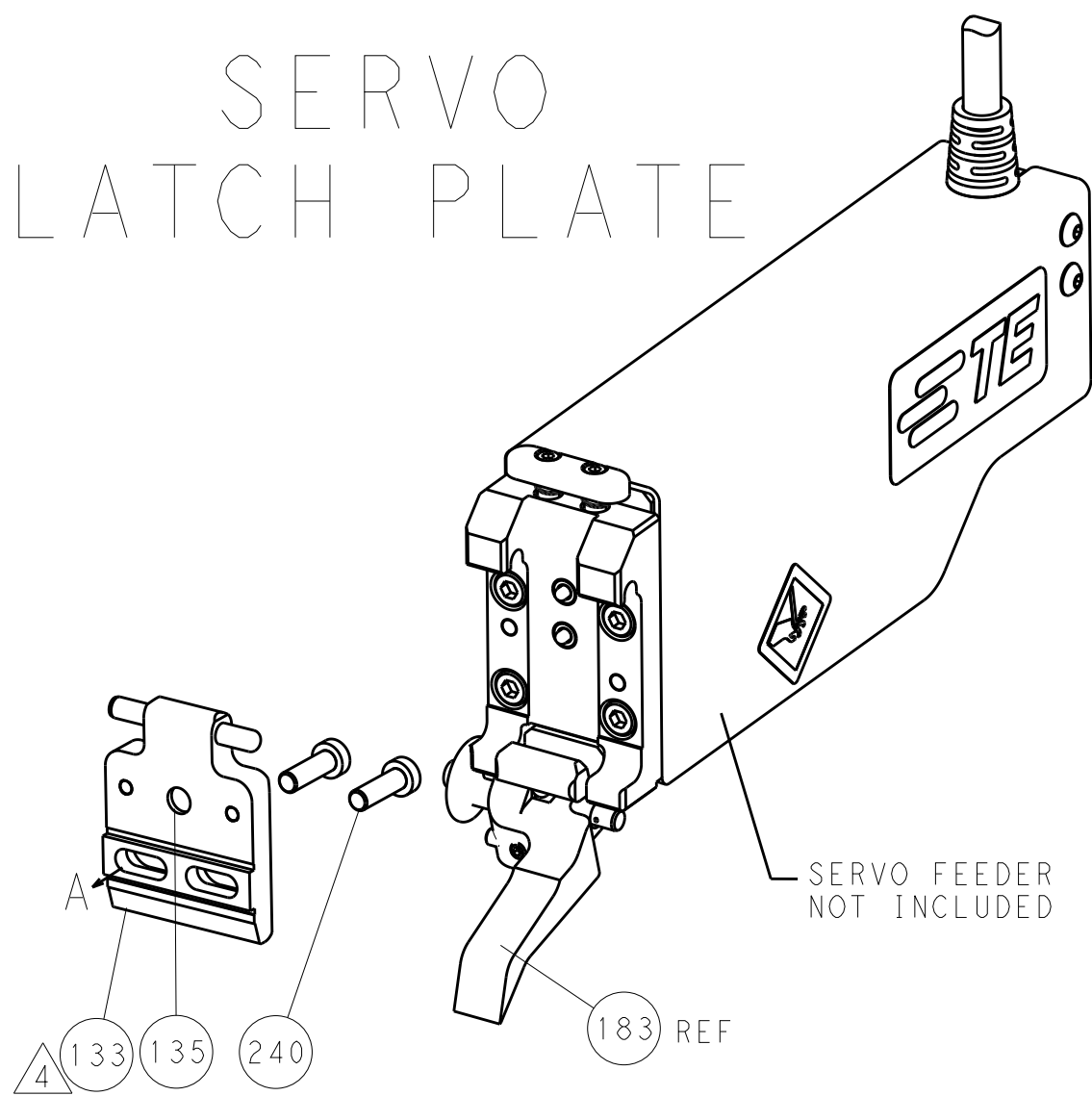


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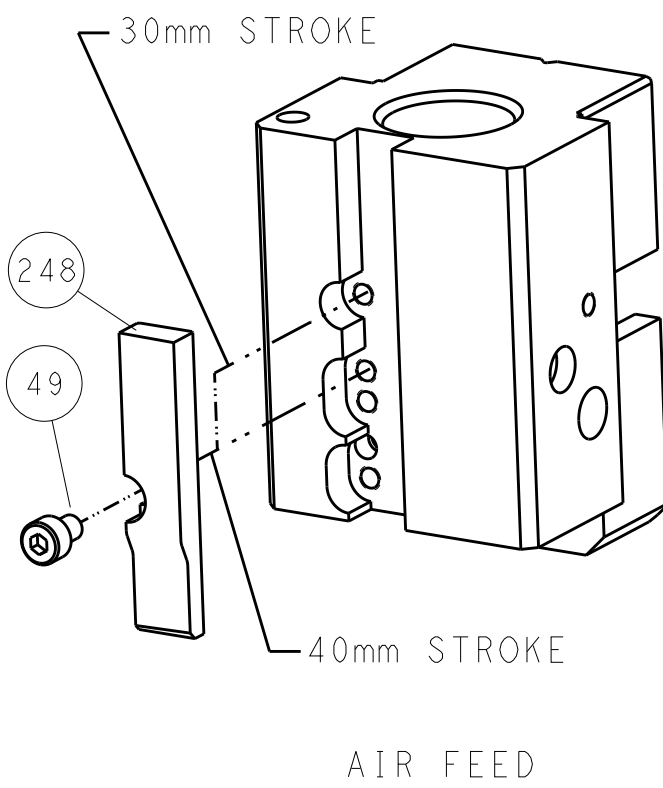
PNEUMATIC



SERVO LATCH PLATE



CAM POSITION

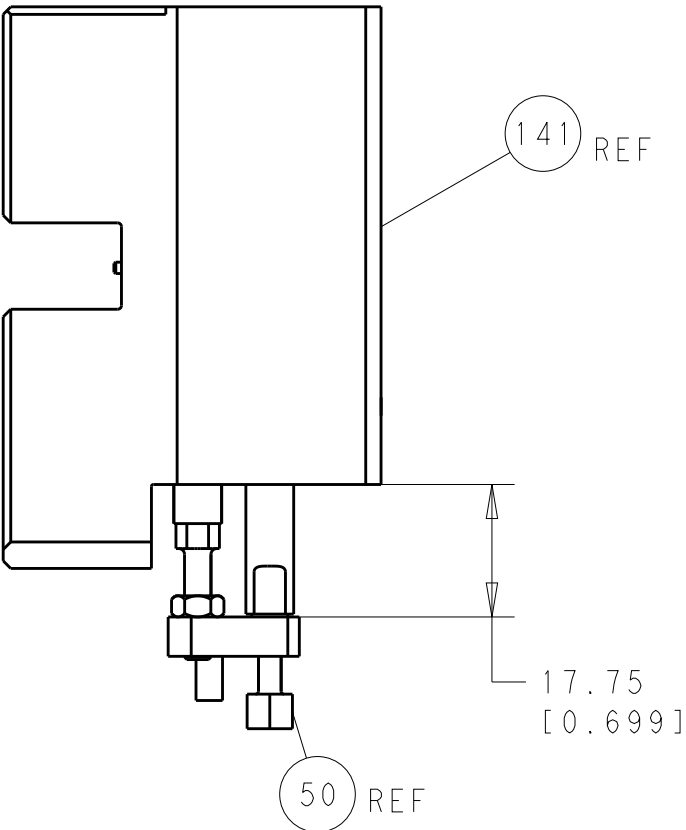


AIR FEED

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

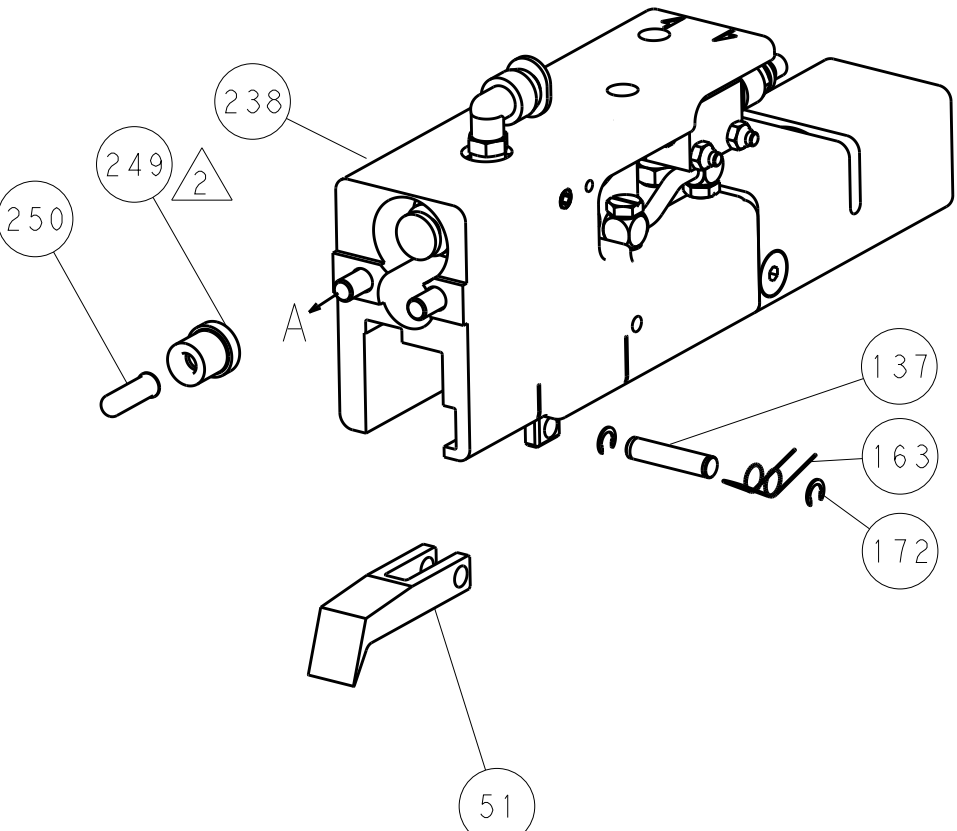
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DIMENSIONS: mm		CHK G. BAILEY 12JAN2012	NAME Ocean End Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±.1		APVD S. XI 12JAN2012	SIZE CAGE CODE DRAWING NO 00779 ©=2150037	
MATERIAL -		PRODUCT SPEC -	RESTRICTED TO -	
FINISH -		APPLICATION SPEC -	Customer Accessible Production Drawing	
		WEIGHT -	SCALE 1:1	
			SHEET 2 OF 4	
			REV B	

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

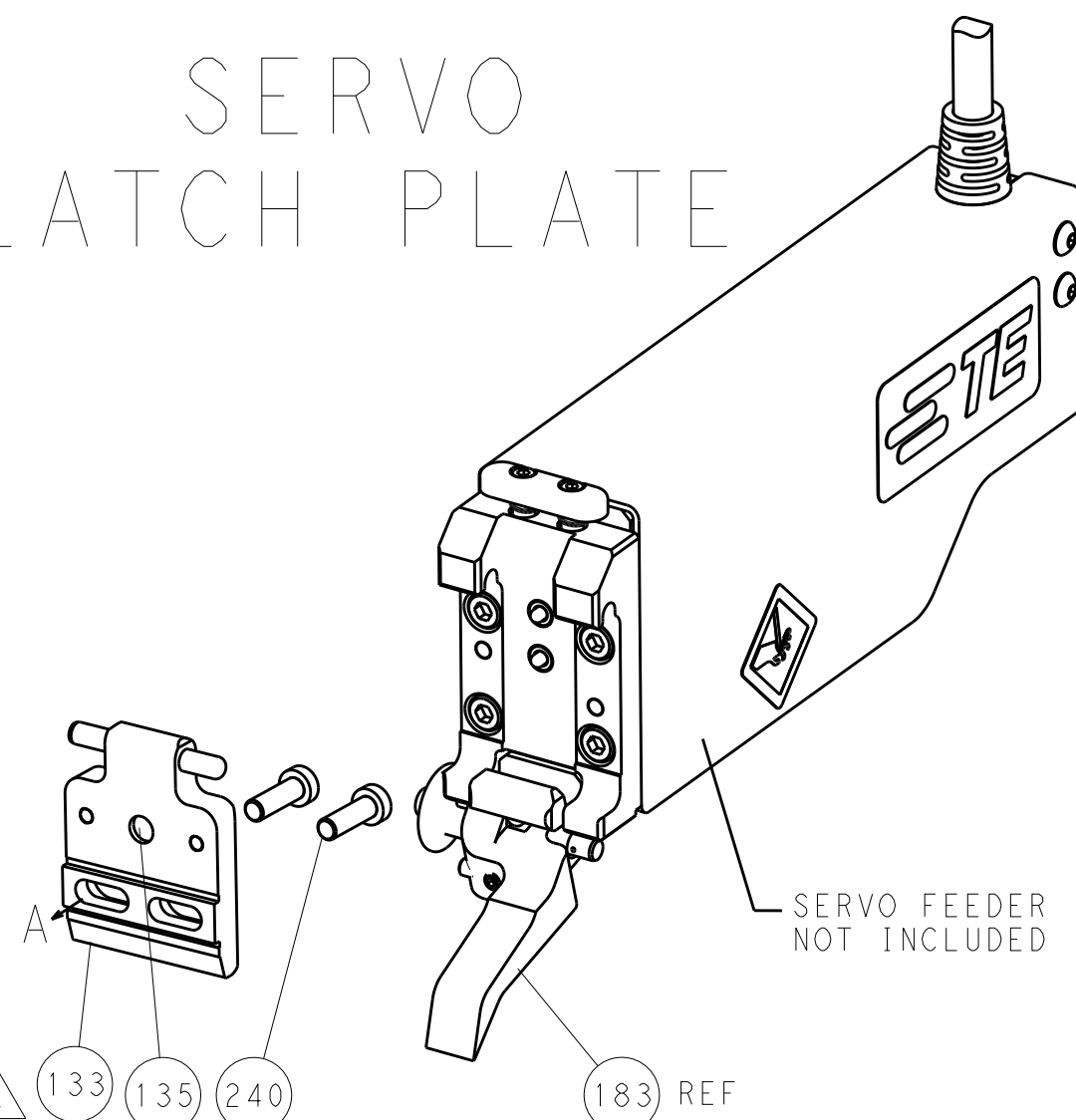


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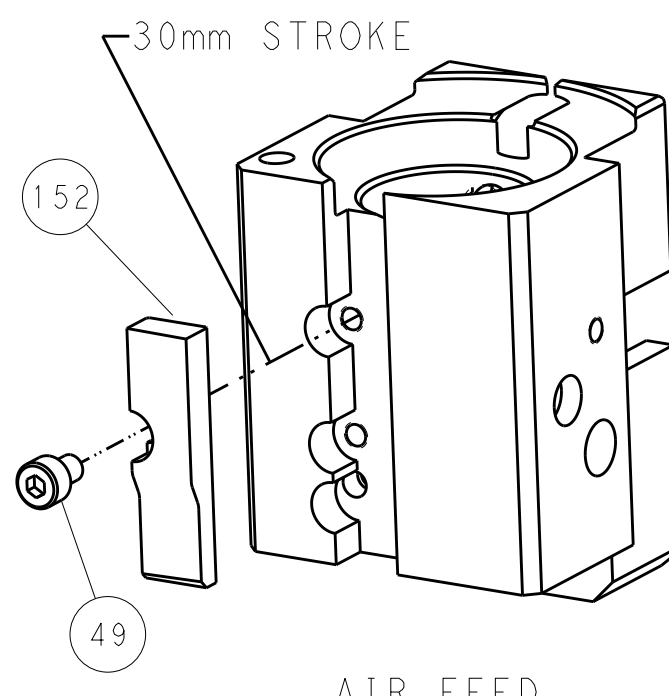
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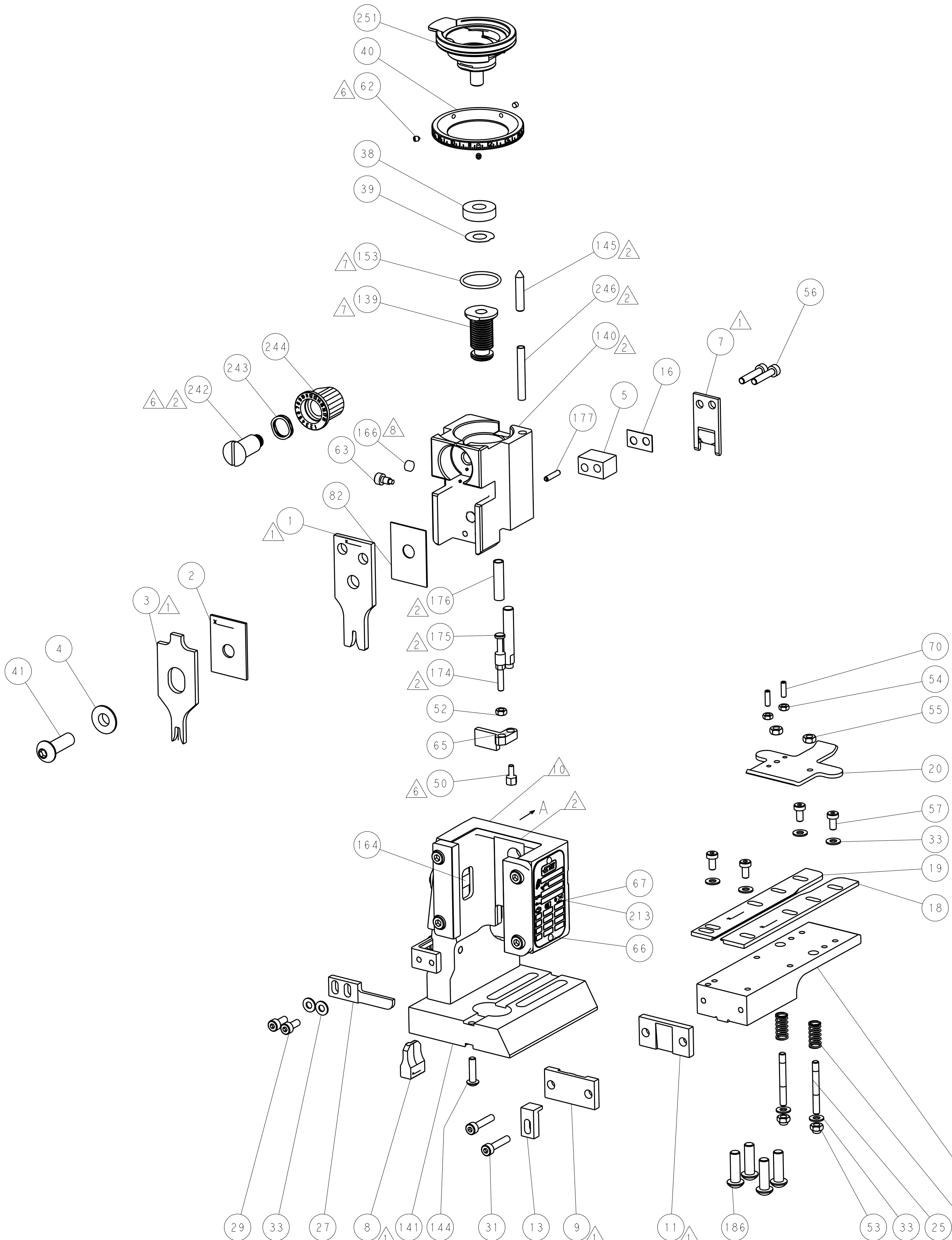
SERVO LATCH PLATE



CAM POSITION



AIR FEED



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: mm		CHK G. BAILEY 12JAN2012	NAME Ocean End Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±.1		APVD S. XI 12JAN2012	SIZE A1	
MATERIAL		PRODUCT SPEC	CAGE CODE 00779	
		APPLICATION SPEC	DRAWING NO C=2150037	
		WEIGHT	Customer Accessible Production Drawing	
		SCALE 1:1	SHEET 4 OF 4	
		REV B		