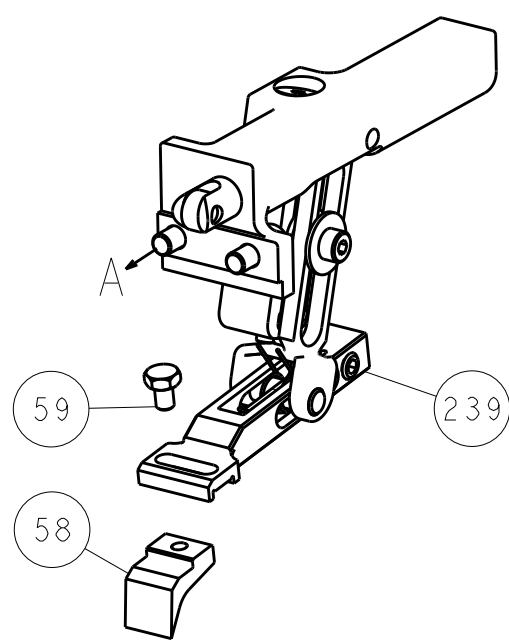


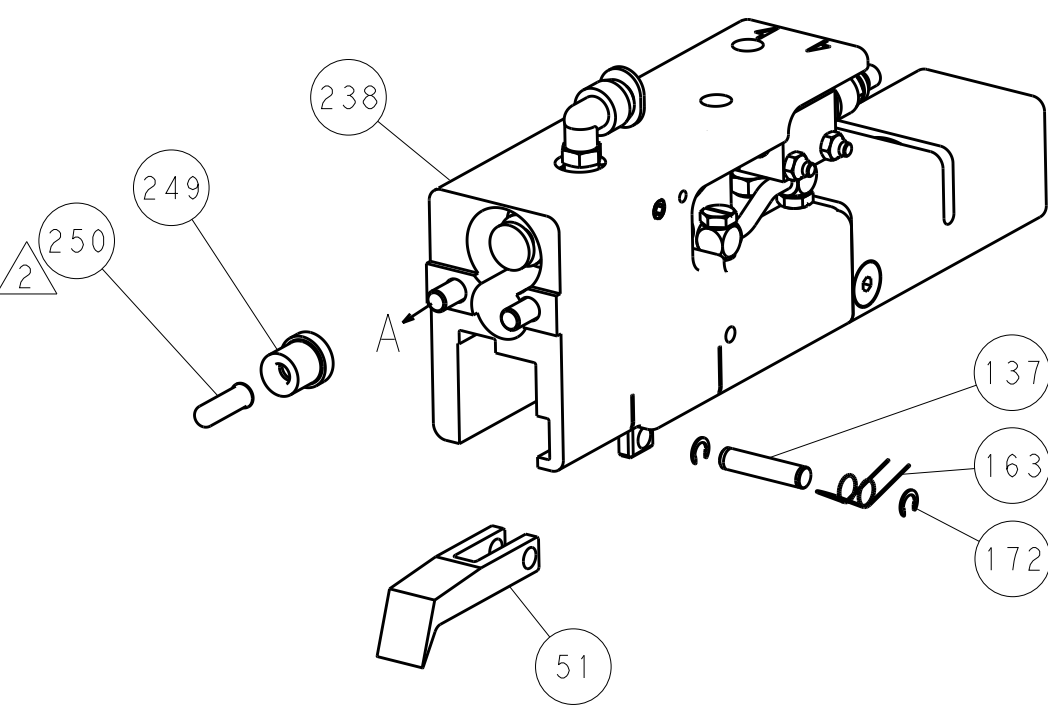
LOC		DIST		REVISIONS			
A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

FEED TYPE

MECHANICAL

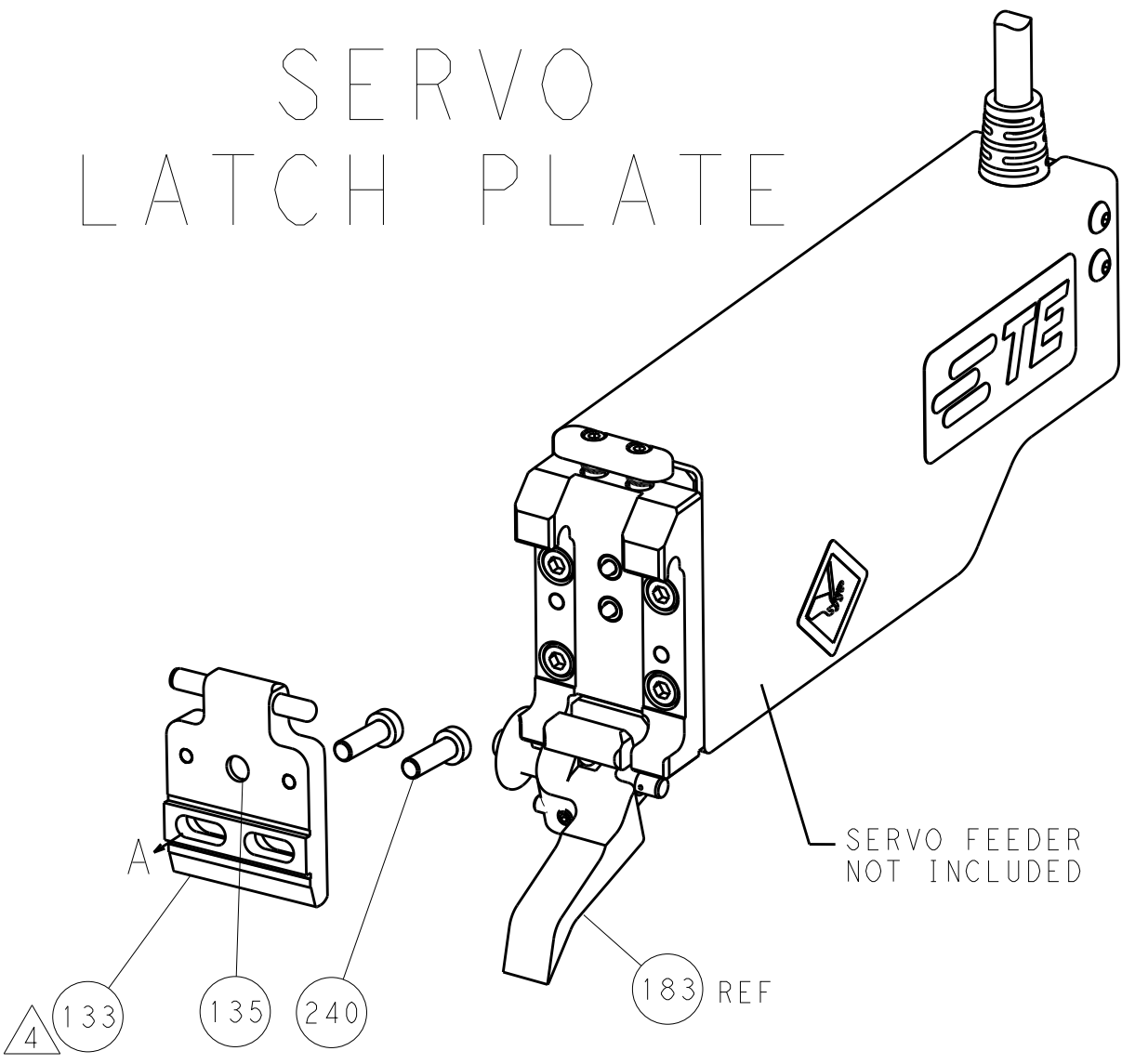


PNEUMATIC

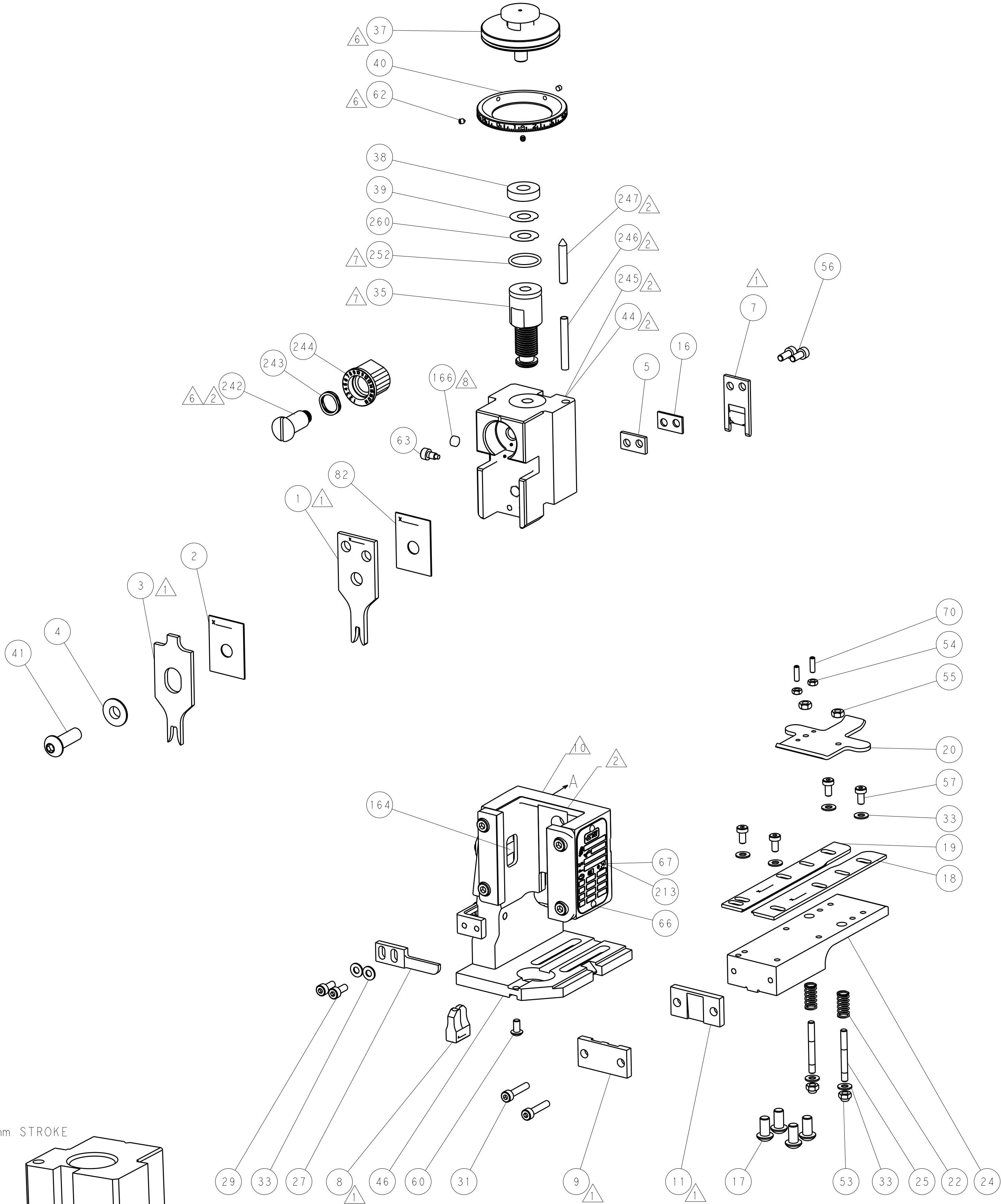
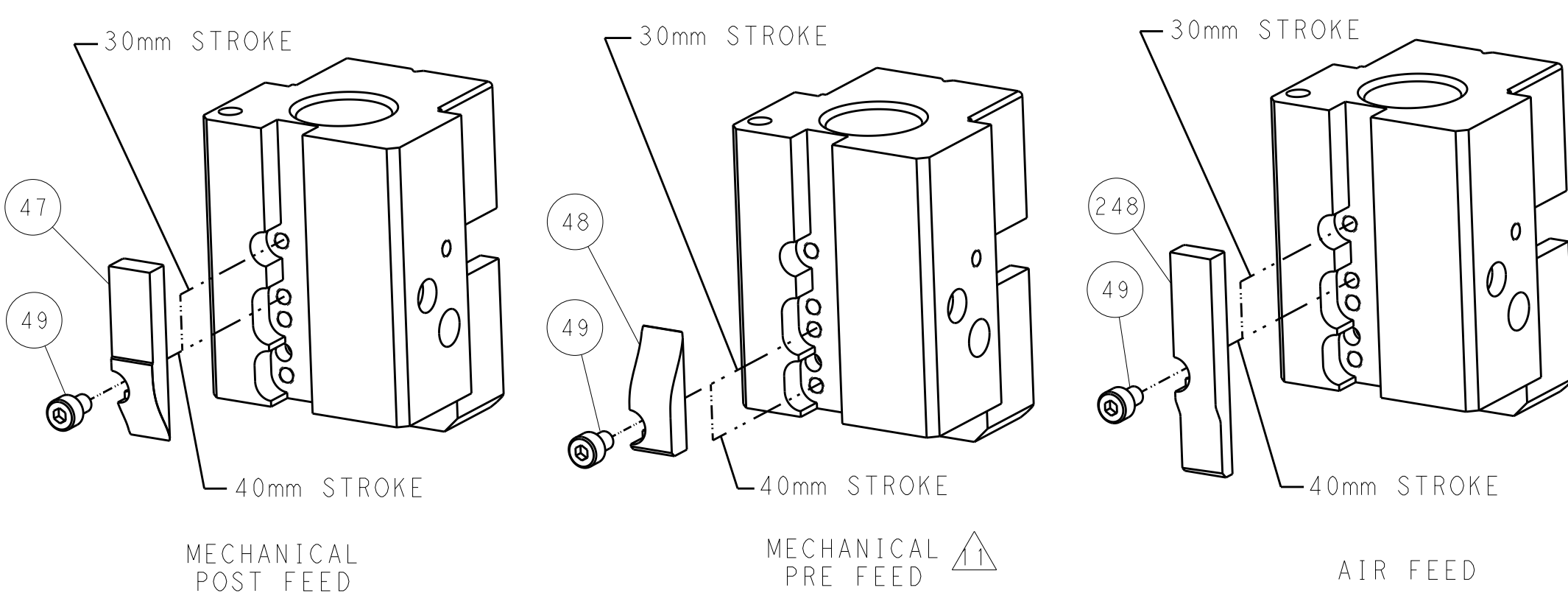


SERVO

LATCH PLATE



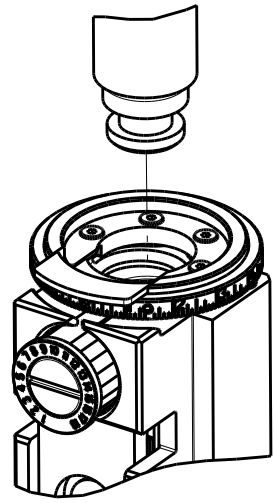
CAM POSITIONS



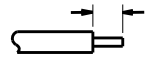
ATLANTIC VERSION

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

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE.				DWN: K. HUANG 15OCT2013				TE Connectivity			
CHK: L. ZHANG 15OCT2013				NAME: Ocean End Feed Applicator				Harrisburg, PA 17105-3608			
APVD: J. GUO 15OCT2013				SIZE: A1				CAGE CODE: 00779			
PRODUCT SPEC: -				DRAWING NO: 2150375				RESTRICTED TO: -			
APPLICATION SPEC: -				SCALE: 1:1				SHEET: 2 OF 4			
WEIGHT: -				REV: A				Customer Accessible Production Drawing			
MATERIAL: -				Customer Accessible Production Drawing				SCALE: 1:1			
FINISH: -				Customer Accessible Production Drawing				SCALE: 1:1			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5, 1 PLC ±0.13, 2 PLC ±0.13, 3 PLC ±0.013, 4 PLC ±0.0001, ANGLES ±.5				Customer Accessible Production Drawing				SCALE: 1:1			

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER 	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2-2150375-1	A	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	2119792-2	-	2119641-2	-	2063440-1
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150375-5	-	-	2168400-7 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2150375-4	-	-	-
	2-2150375-2	A	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-
					SERVO LATCH PLATE	2119951-1	1901697-1	8-2150375-5	-	-	2168400-7 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2150375-4	-	-	-
	2-2150375-5	A	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE ⁴	MECHANICAL FEED	2119949-1	2063961-1	5-18022-5	2119653-2	-	-
					PNEUMATIC FEED	2119950-1	2119792-2	-	2119641-2	-	2063440-1
	2-2150375-7	A	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-
	7-2150375-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
INSUL	4.83 mm [.190]	F
APPLICATOR INSTRUCTIONS 408-10390		

TERMINAL DATA: TE TERMINAL				TE CRIMP SPECIFICATION
TERMINAL NAME: RING, TONGUE				
WIRE STRIP LENGTH .173-.203 IN [4.39-5.16 mm]		 INSULATION DIAMETER RANGE Ø.105-.170 IN [2.67-4.32 mm]		
TERMINAL APPLICATION SPECIFICATION	114-2084	-	-	-
TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL	
109452-1	109452-2	109452-3	109452-4	
109452-5	109452-6			

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
14 AWG		2.13+/-0.05 [.084+/- .002]		5.6
16 AWG		1.96+/-0.05 [.077+/- .002]		7.3
18 AWG		1.78+/-0.05 [.070+/- .002]		9.4



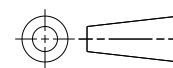
-  RECOMMENDED SPARE PARTS
-  GREASE BEARING SURFACES LIGHTLY
3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
-  APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150375-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150375-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150375-5
5. 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.
-  GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.
-  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.
-  THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH ITEM 2119652-1 BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS. FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.

*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.

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	DIS 66	REVISIONS						
			P	LTR	DESCRIPTION	DATE	DWN	APVD	
			-	-	SEE SHEET 1	-	-	-	

-	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	1-22279-3	SPRING, COMPRESSION	246
-	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	-	-	2168400-7	SHCS, LOW HEAD, RoHS, M5 X 10	240
-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	-	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	4	4	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
-	-	REF	-	-	1901697-1	FEED FINGER ASSEMBLY,EF	183
-	-	-	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	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	1	2119798-2	DETENT PIN	145
-	1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1	1	2119651-1	RAM, ASIAN STYLE, END FEED	140
-	1	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	1	455888-6	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	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	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	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	-	-	1	2063961-1	FEED FINGER	58
-	4	4	4	4	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	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	-	2119792-2	PAWL, EF, AIR	51
-	-	-	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	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	2119644-2	RAM WASHER, PRECISION	38
-	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	1901696-3	STRIP GUIDE, REAR	19
-	1	1	1	1	1901695-3	STRIP GUIDE, FRONT	18
-	1	1	1	1	3-240641-9	SPACER	16
-	1	1	1	1	240644-1	PLATE, REAR SHEAR	11
-	-	-	-	-	-	-	10
-	1	1	1	1	690482-6	PLATE, FRONT SHEAR	9
-	1	1	1	1	4-1333219-9	ANVIL, COMBINATION	8
-	1	1	1	1	2217206-4	BLADE, SLUG	7
-	-	-	-	-	-	-	6
-	1	1	1	1	240641-9	SPACER	5
-	1	1	1	1	3-238009-1	BLOCK, FL CRIMPER SPACER	4
-	1	1	1	1	1-1803016-2	CRIMPER, INSULATION F	3
-	1	1	1	1	455888-6	SPACER, CRIMPER	2
-	1	1	1	1	2-456408-0	CRIMPER, WIRE PREMIUM	1
-	77-27-25-22-21	PART NO		DESCRIPTION			ITEM NO

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME		Ocean End Feed Applicator	
		0 PLC ±.5 1 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±. FINISH		APPLICATION SPEC		SIZE		CAGE CODE	
MATERIAL		FINISH		WEIGHT		DRAWING NO		RESTRICTED TO	
-		-		-		A 00779 C=2150375		-	
Customer Accessible Production Drawing				SCALE		SHEET		REV	
				1:1		3 OF 4		A	

