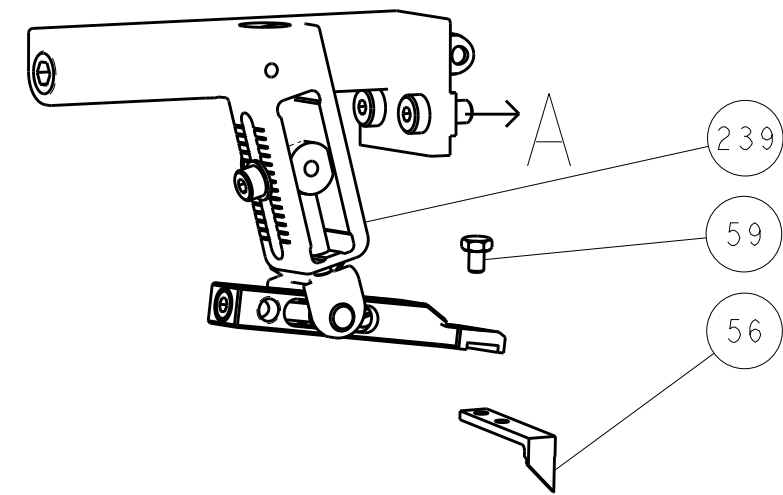
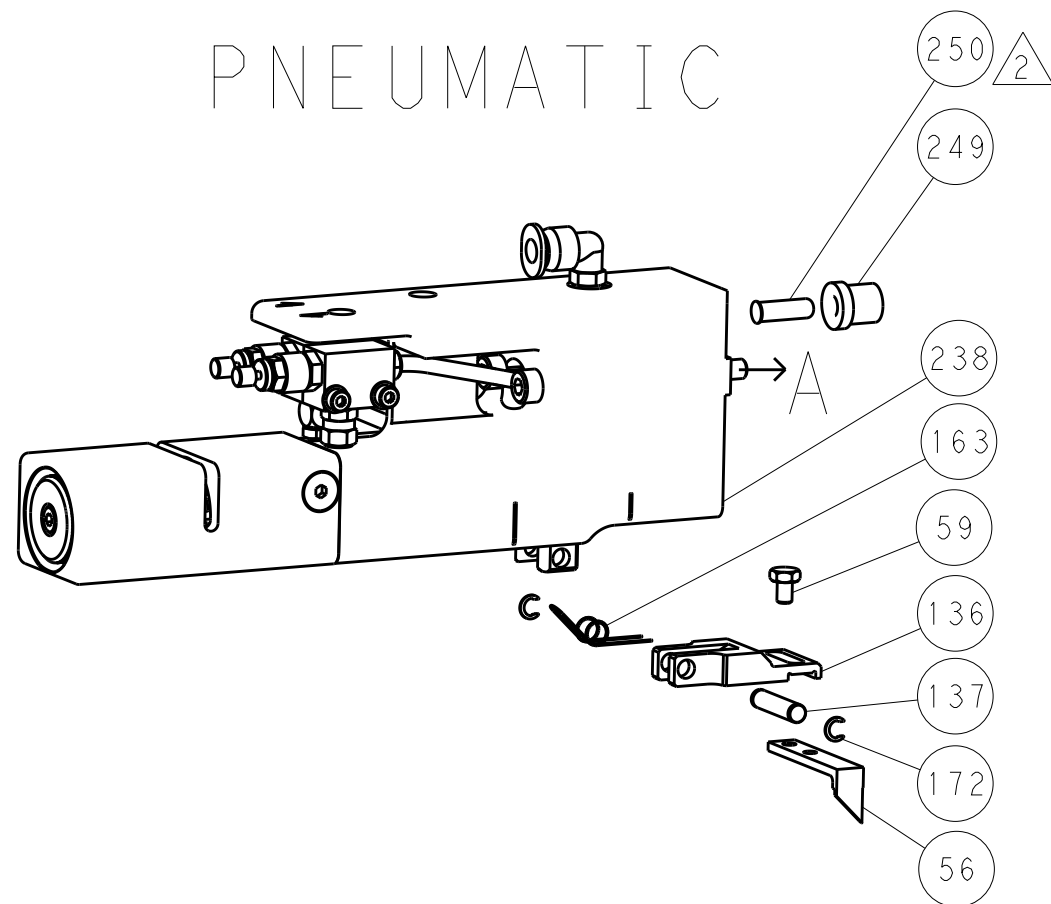


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A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

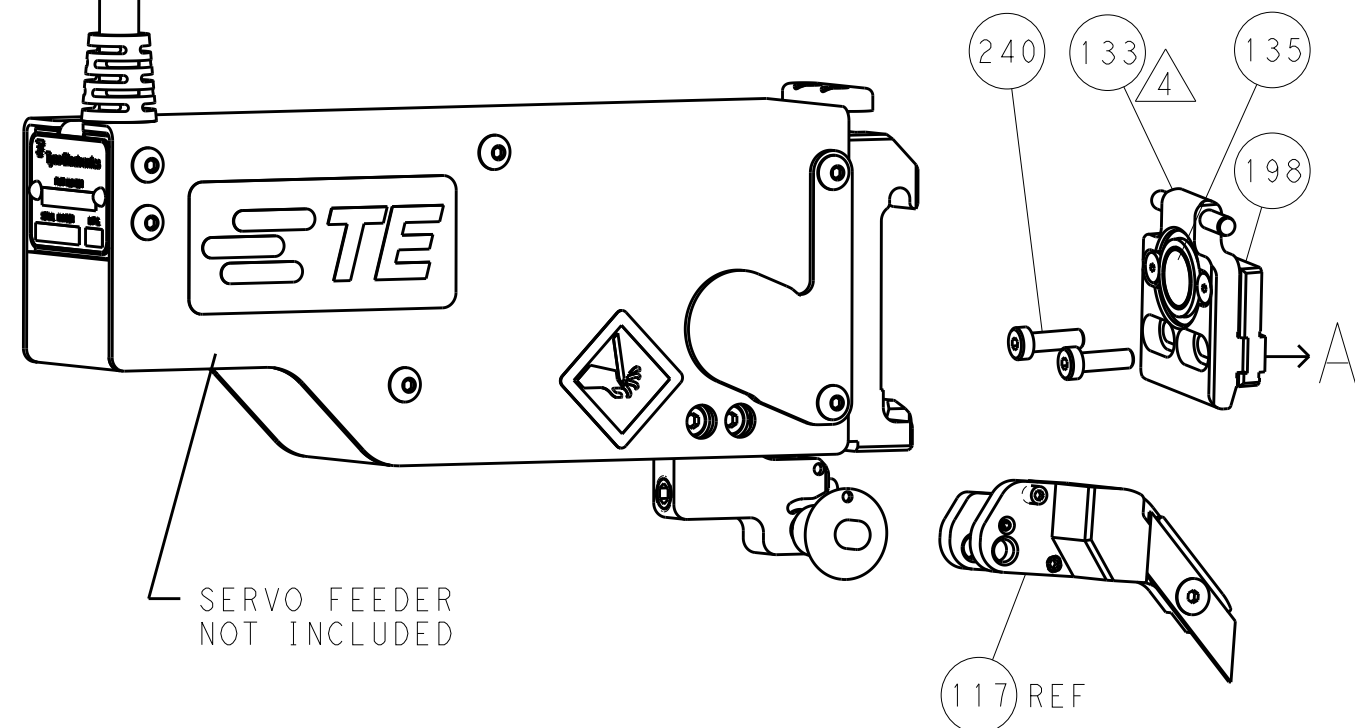
FEED TYPE MECHANICAL



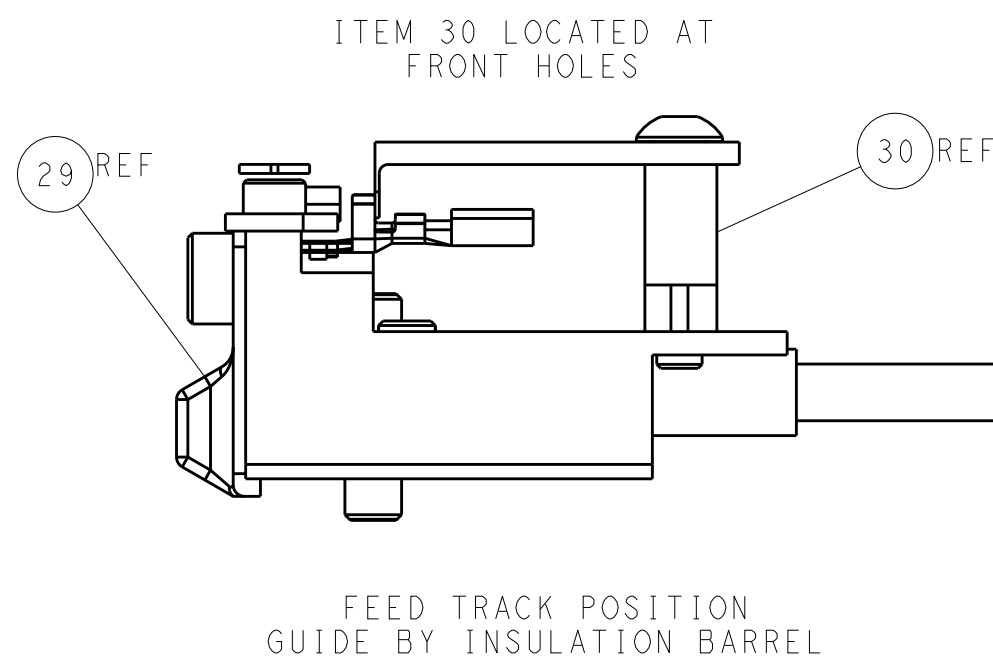
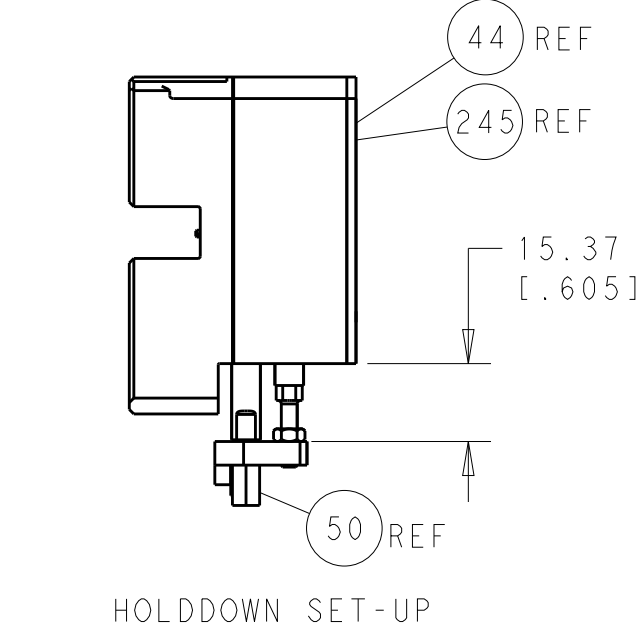
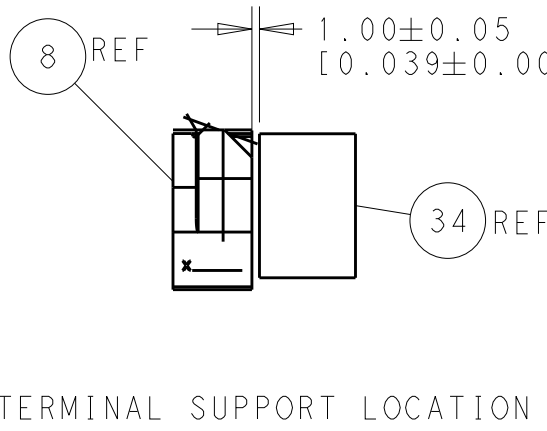
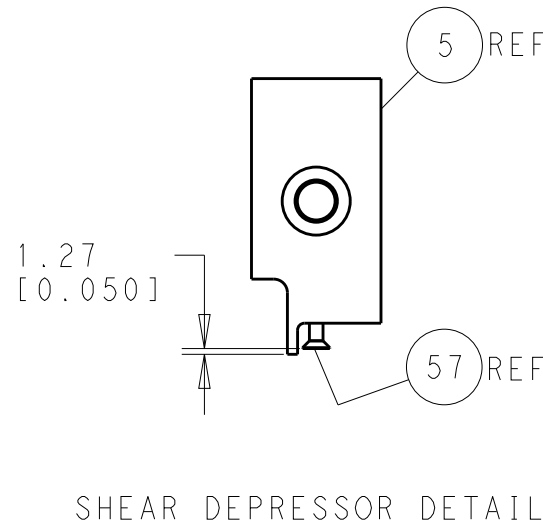
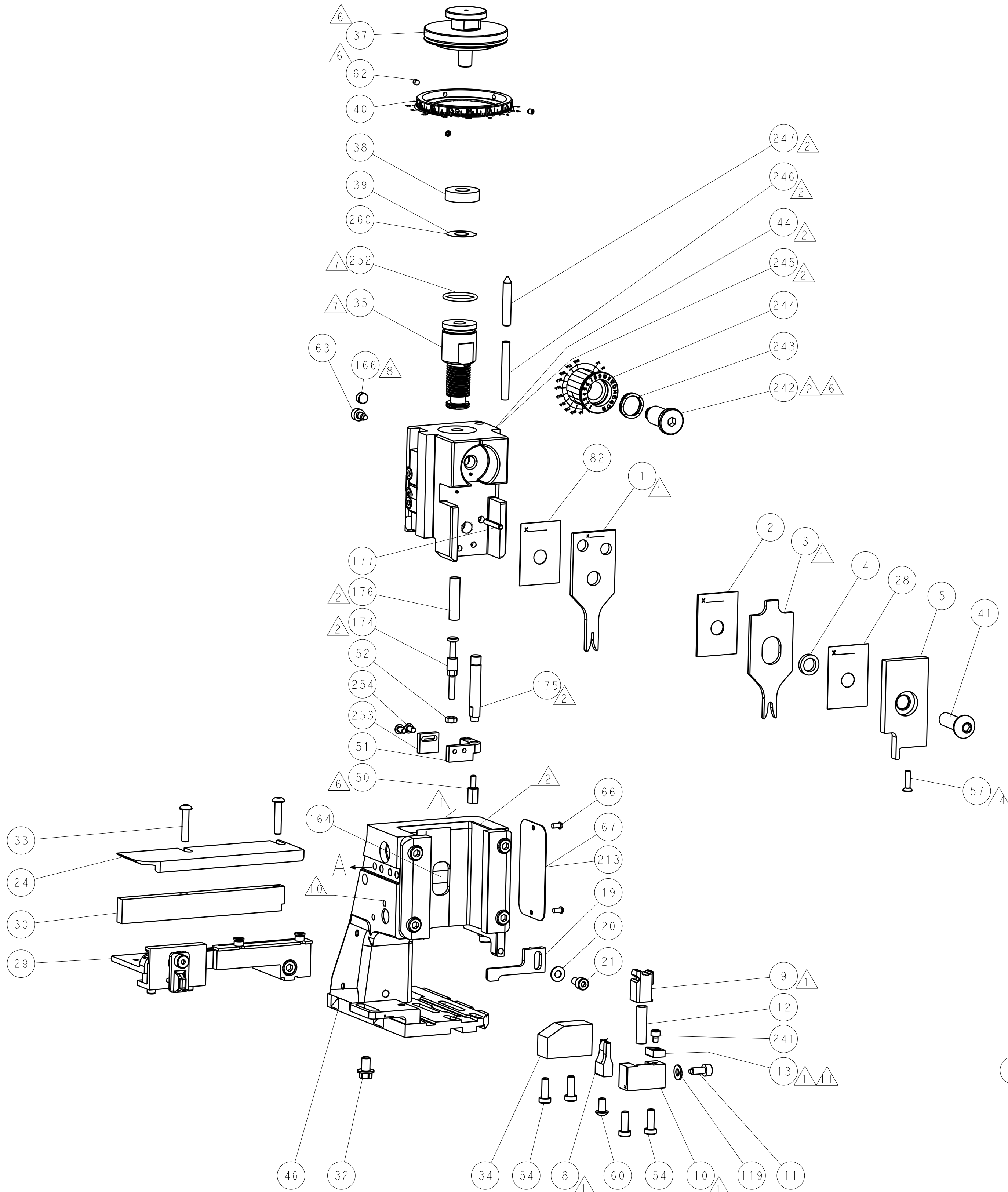
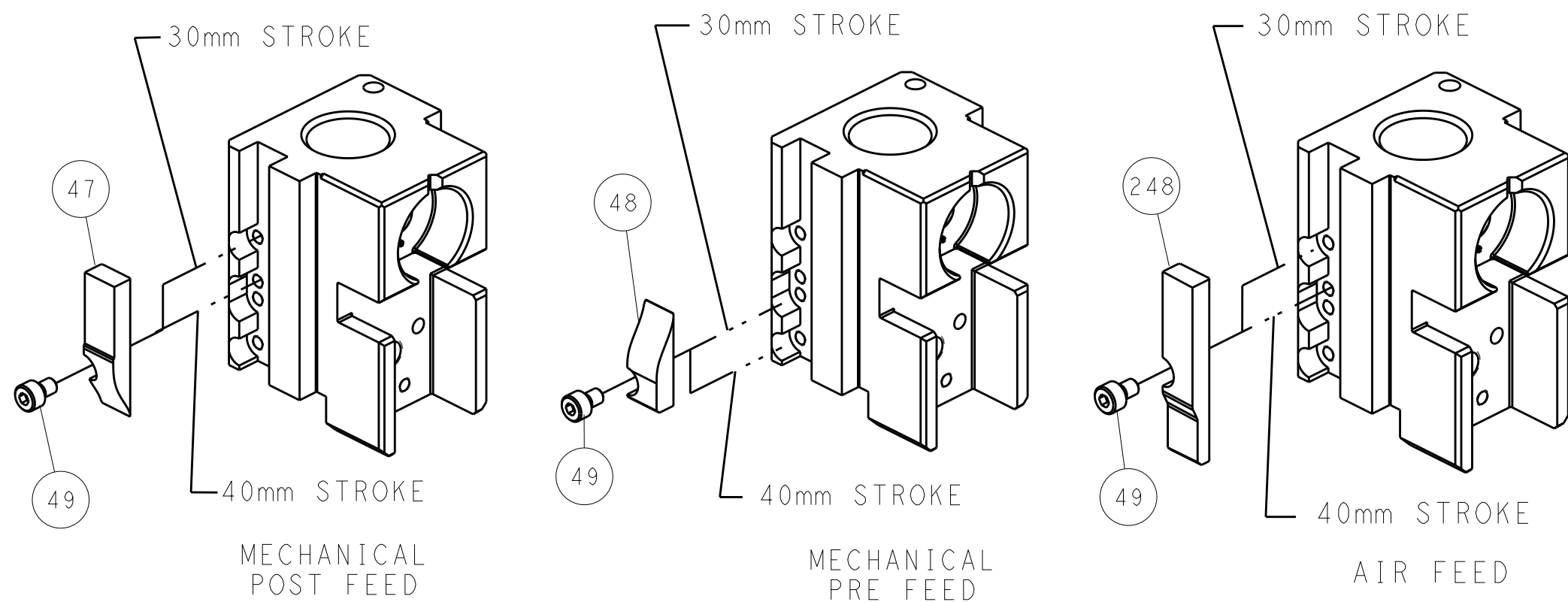
PNEUMATIC



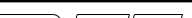
SERVO LATCH PLATE



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THIS DRAWING IS UNPUBLISHED.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. ANY CHANGES TO THIS DRAWING SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN	S. ZOU	11MAR2011	 TE Connectivity Harrisburg, PA 17105-3608				
DIMENSIONS:				CHK	T. ELBIN	11MAR2011	NAME				
mm				APVD	S. XI	11MAR2011	Ocean Side Feed Applicator -				
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC		SIZE					
0 PLC ±0.5				-		CAGE CODE					
1 PLC ±0.13				-		DRAWING NO					
2 PLC ±0.13				-		RESTRICTED TO					
3 PLC ±0.013				-		A1					
4 PLC ±0.0001				-		00779 ©=2151041					
ANGLES				APPLICATION SPEC		SCALE					
FINISH				WEIGHT		1:2					
-				-		SHEET					
MATERIAL				< select from list >		2 of 4					
-				< select from list >		REV					
						D					

PACIFIC VERSION TERMINATOR INTERFACE ADAPTER	PART NUMBER	REVISION	DESCRIPTION	FEED TYPE	APPLICATOR STYLE CONVERSION CHART						
					CONVERT TO	PART NUMBERS REQUIRED					
	2-2151041-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL	PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
					SERVO LATCH PLATE	2119951-1	-	8-2151041-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151041-4	-	-	-
	2-2151041-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
					SERVO LATCH PLATE	2119951-1	-	8-2151041-5	1901094-3	-	2168400-6 (QUANTITY 2)
					SMART APPLICATOR	2161326-1	-	8-2151041-4	-	-	-
	2-2151041-5	D	FINE CRIMP HEIGHT ADJUST	SERVO LATCH PLATE ⁴	MECHANICAL FEED	2119949-1	1338685-1	5-18022-5	2119653-2	-	-
					PNEUMATIC FEED	2119950-1	1338685-1	5-18022-5	2119641-2	2119799-1	2063440-1
	2-2151041-7	D	FINE CRIMP HEIGHT ADJUST	NONE	-	-	-	-	-	-	-
	7-2151041-7	A	CRIMP TOOLING KIT	-	-	-	-	-	-	-	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.27 mm [.050]	F
INSUL	3.05 mm [.120]	O
APPLICATOR INSTRUCTIONS 408-10135		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMP MCP 1.2 LL SWS			
WIRE STRIP LENGTH 3.50-3.52 mm [.138-.138 IN]			INSULATION DIAMETER RANGE Ø1.10-1.75 mm [.043-.069 IN]
TERMINAL APPLICATION SPECIFICATION	114-18464	-	-
	-	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE SEAL	TE SEAL
1452665-1	1452665-2	967067-1 	967067-2 
1452665-3	7-1452665-1	963142-2 	
7-1452665-2	7-1452665-3		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING ⁹
0.35mm2		0.84+/-0.03 [.033+/-0.001]		7.7
22AWG		0.83+/-0.03 [.033+/-0.001]		7.8
0.25mm2		0.78+/-0.03 [.031+/-0.001]		8.3
24AWG		0.75+/-0.03 [.030+/-0.001]		8.6



- 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:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151041-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2151041-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2151041-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2151041-6
- 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.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 242.
- 7

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.
- 8

MAGNET 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

TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.
- 12

THIS APPLICATOR APPLIES TERMINAL WITH A SEAL. INSULATION RANGE QUOTED IS THAT OF THE TERMINAL.
TO THE SEAL 967067-2,INSULATION RANGE IS Ø1.10-1.40 [.043 - .055 IN.]
TO THE SEAL 967067-1,INSULATION RANGE IS Ø1.40-1.75 [.055 - .069 IN.]
TO THE SEAL 963142-2,INSULATION RANGE IS Ø1.10-1.30 [.043 - .052 IN.]
- 13

APPLY TORQ-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.

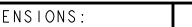
¹⁴ DUE TO THE DEMANDS OF APPLICATION SPEC 114-18464 IT IS IMPORTANT, IF THE ANVIL IS MOVED OR REPLACED, THAT IT IS BAISED TOWARDS THE OPERATORS POSITION AS FOR AS POSSIBLE WHEN RESCUING TO THE BASE PLATE.

-	2	2	2	2	1655785-9	SCR, BTN SKT HD CAP (M3 X 6)	254
-	1	1	1	1	1-1976053-3	LOCATER BLOCK,TERMINAL	253
-	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-77	-27	-25	-22	-21	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)

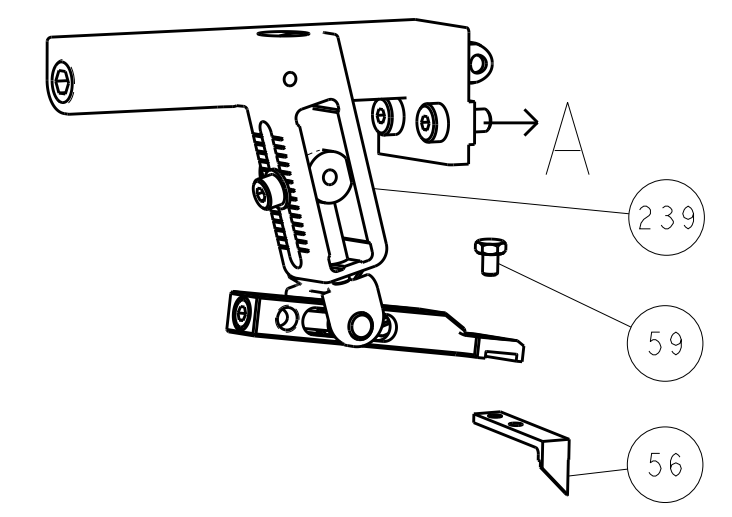
SET UP GAUGE 2119599-1	LOC A	DIS 66	REVISIONS					
			P	LTR	DESCRIPTION	DATE	OWN	APVD
			-	-	SEE SHEET 1	-	-	-

-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
-	1	1	1	1	2119082-4	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	-	-	2168400-6	SHCS, LOW HEAD, RoHS, M5 X 16	240
-	-	-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	-	-	1	-	2063440-1	AIR FEED MODULE	238
-	-	1	-	-	2119740-2	TAG,IDENTIFICATION	213
-	-	1	-	-	1901094-3	SPACER, FEEDER	198
-	1	1	1	1	9931111-1	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	1	1	1	8-21084-1	O-RING, .801 ID, .070 DIA. MAT.	152
-	-	-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	1	1	2119798-2	DETENT PIN	145
-	1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	144
-	4	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	143
-	-	-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1	1	1-2119656-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED	140
-	1	1	1	1	2119092-2	BOLT, ADJUSTMENT	139
-	-	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	-	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	-	REF	-	-	SEE NOTE 4	MEMORY CHIP, PROGRAMMED	135
-	-	1	-	-	1633743-1	SERVO FEED LATCH ASM	133
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	-	REF	-	-	2119944-1	FEED FINGER ASSEMBLY,SF	117
-	1	1	1	1	455888-4	SPACER, CRIMPER	82
-	1	1	1	1	2119956-1	DOCUMENTATION PACKAGE	71
-	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	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	985575-4	SCR, FLT SKT HD CAP M3 X 12.0	57
-	-	-	1	1	1338685-1	PAWL, FEED	56
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1-1901681-0	HOLDDOWN, TERMINAL	51
-	1	1	1	1	2-1752354-0	STANDOFF,HOLD-DOWN	50
-	-	-	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	2119644-1	RAM WASHER, PRECISION	38
-	1	1	1	1	1752356-6	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	1-1320908-0	SPACER, STRIP GUIDE	30
-	1	1	1	1	2119959-2	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-3	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	318707-9	FLOATING SHEAR, FRONT	9
-	1	1	1	1	3-1333225-9	ANVIL, COMBINATION	8
-	1	1	1	1	2119781-1	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	1	1	1	1633965-2	CRIMPER, INSULATION O PREMIUM	3
-	1	1	1	1	455888-9	SPACER, CRIMPER	2
-	1	1	1	1	1-1673600-0	CRIMPER, WIRE	1

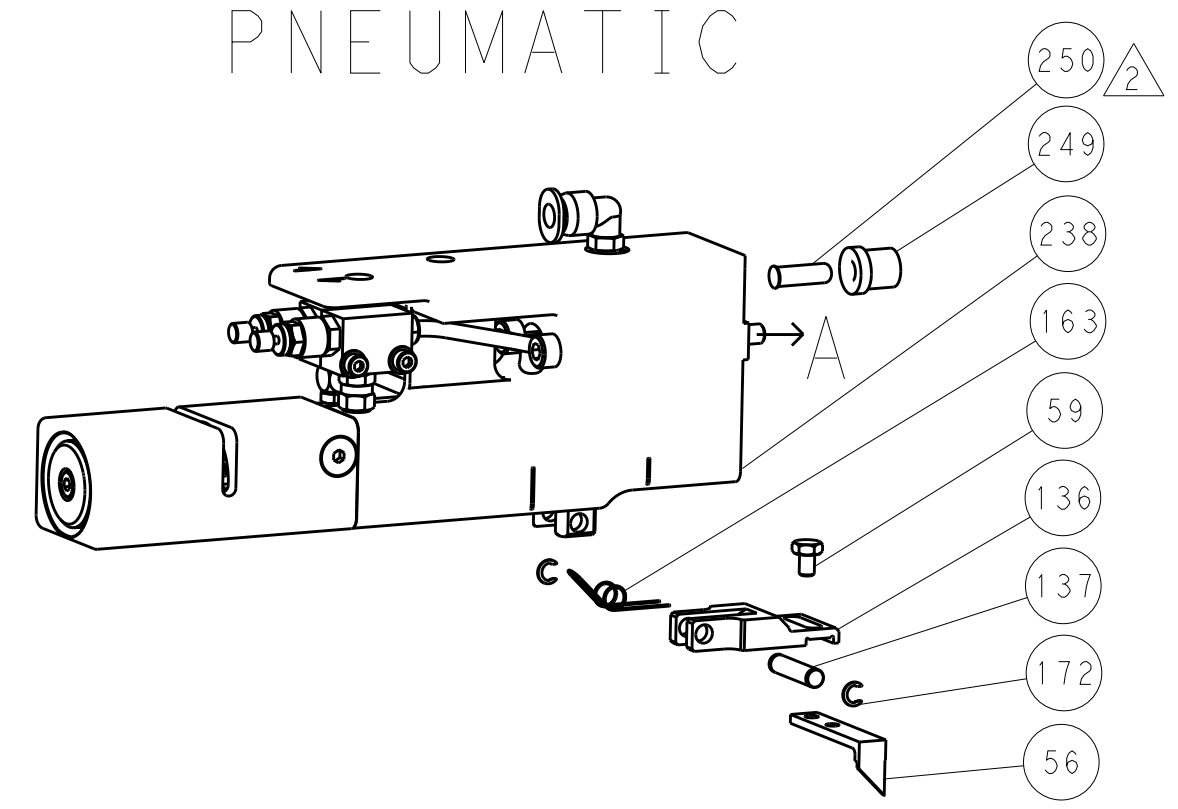
THIS DOCUMENT IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND THE USER SHALL BE CONTACTED FOR THE LATEST REVISION.				OWN S.ZOU	11MAR2011	 TE Connectivity Harrisburg, PA 17105-3608			
				CHK T.ELBIN	11MAR2011				
DIMENSIONS: mm				APVD S.XI	11MAR2011	NAME Ocean Side Feed Applicator			
				PRODUCT SPEC					
				APPLICATION SPEC					
MATERIAL -				WEIGHT -		SIZE A1		CASE CODE 00779	DRAWING NO C=2151041
						RESTRICTED TO -			
< select from list >						SCALE 1:2		SHEET 3	OF 4
								REV D	

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

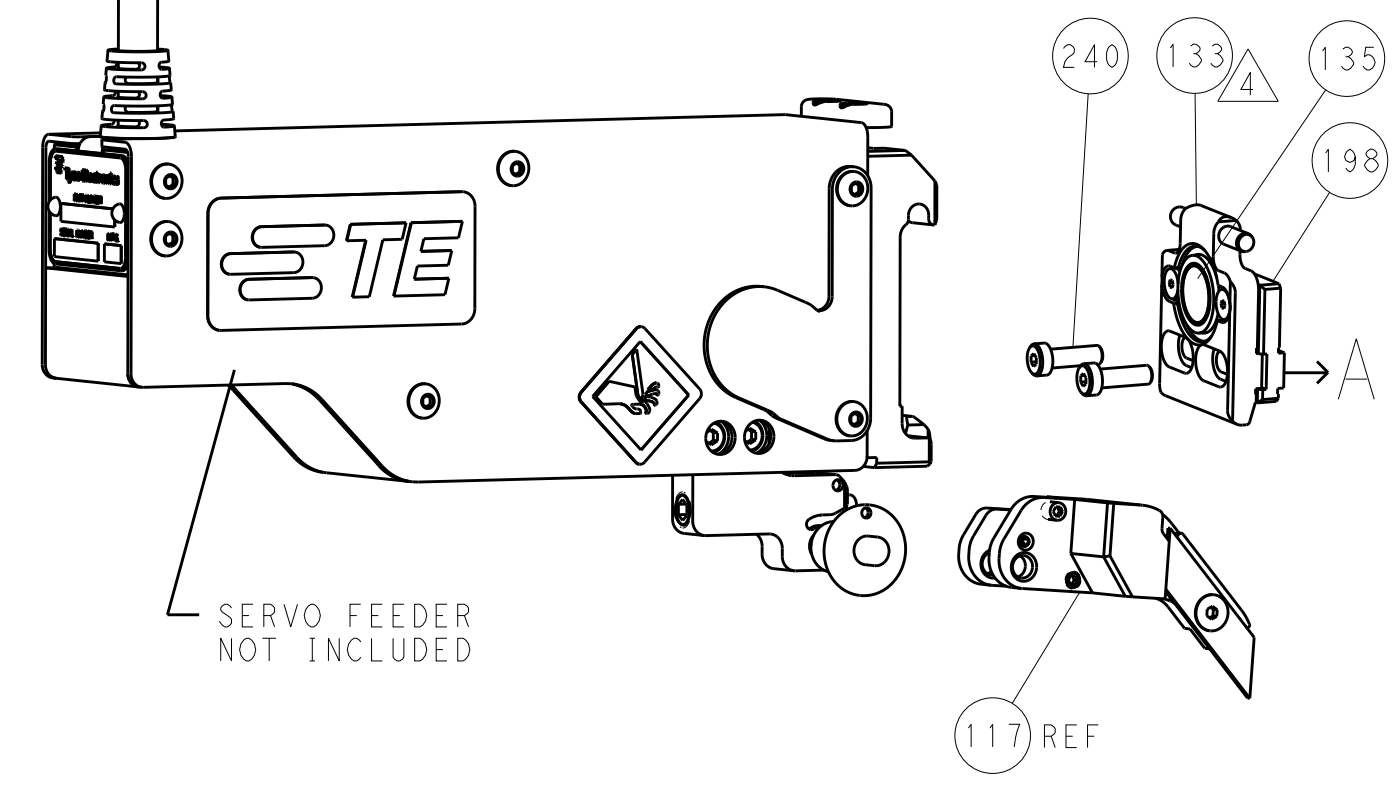
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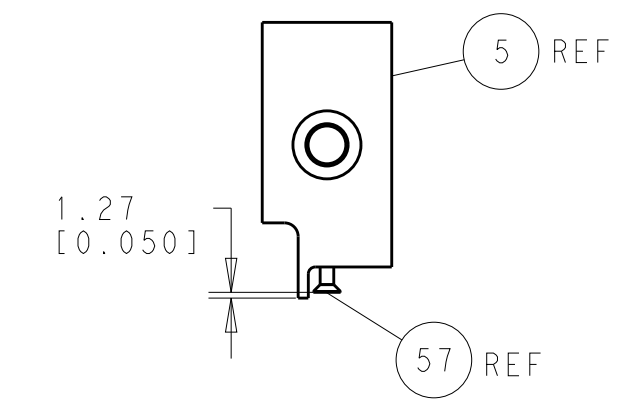
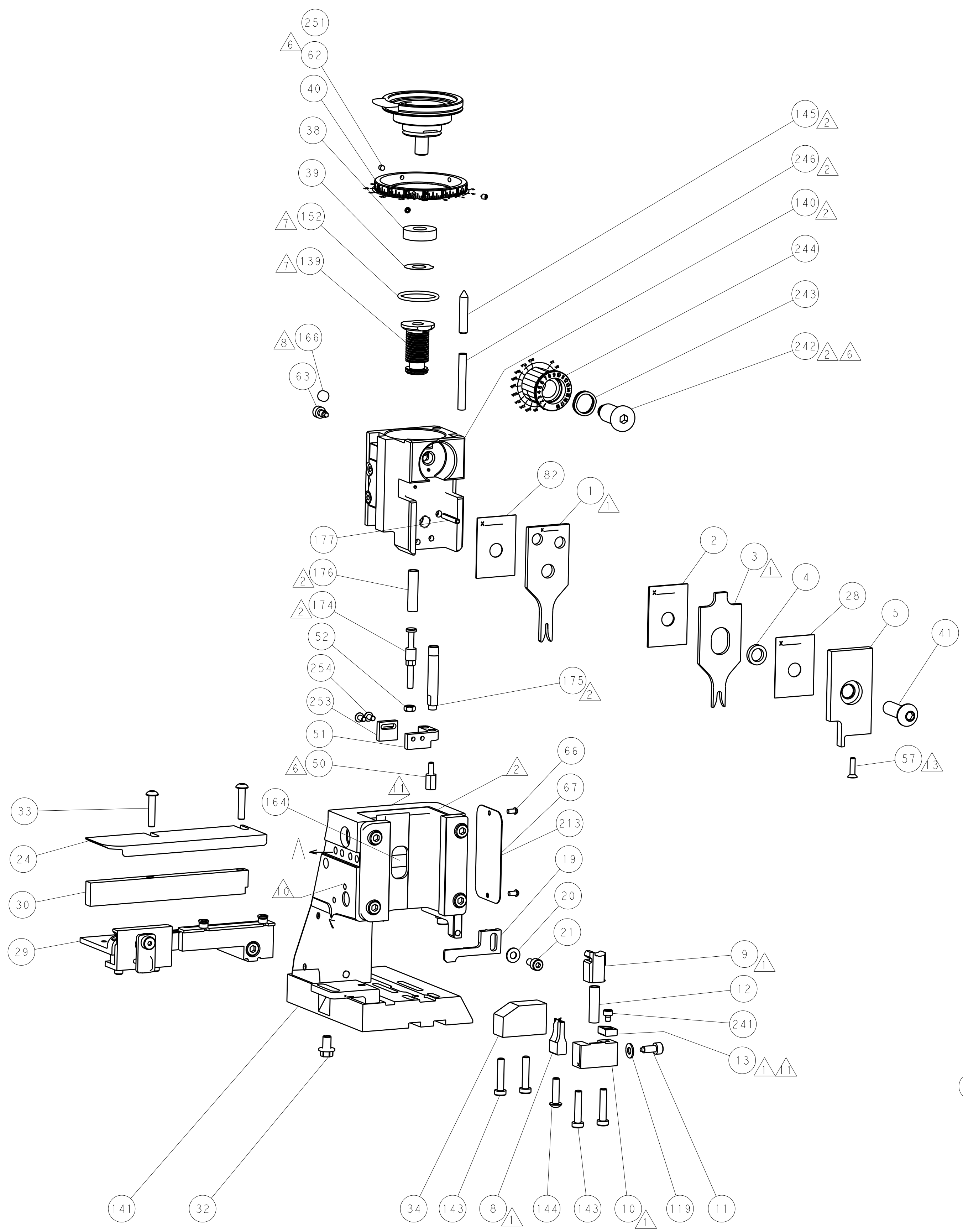
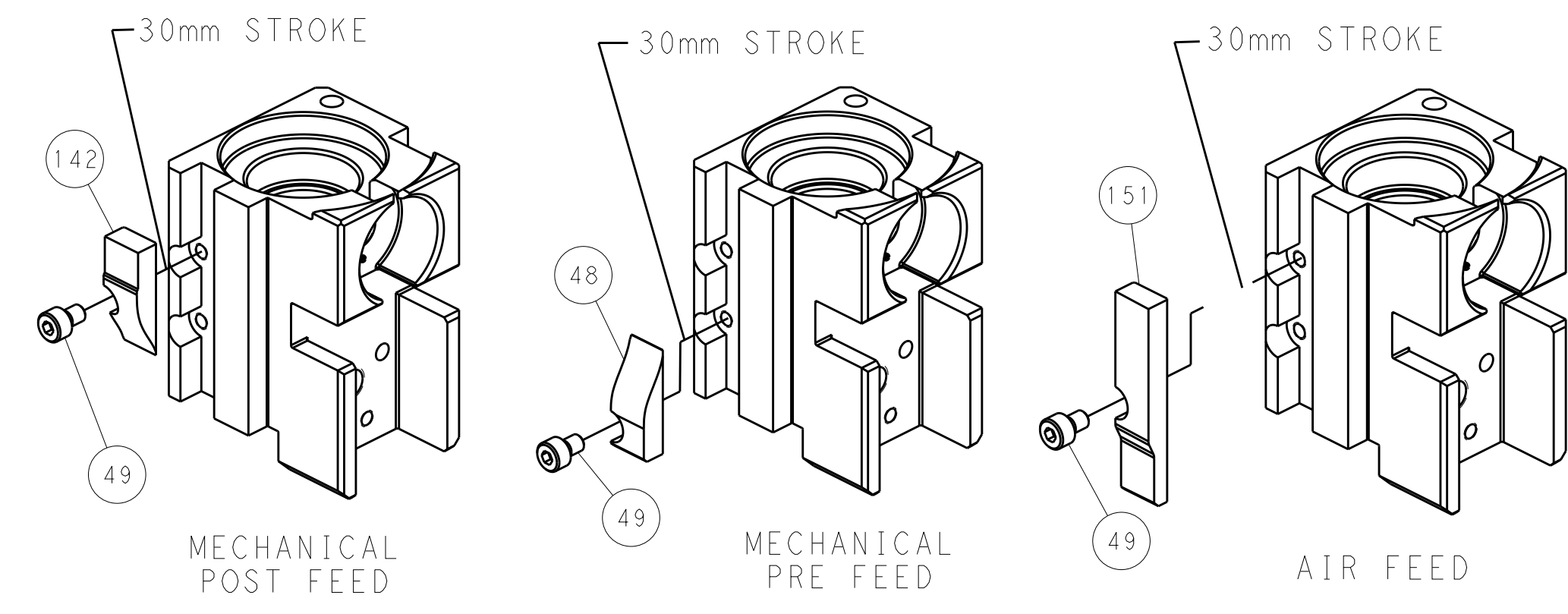
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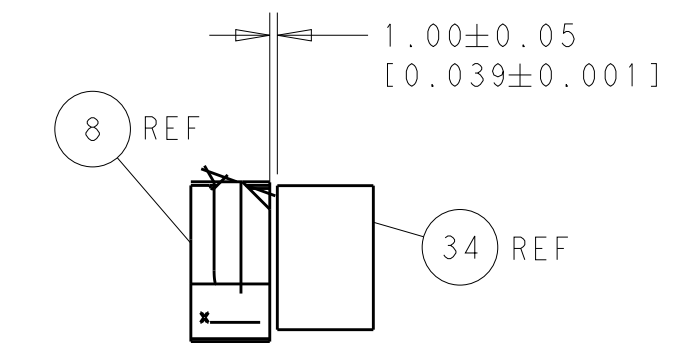
SERVO LATCH PLATE



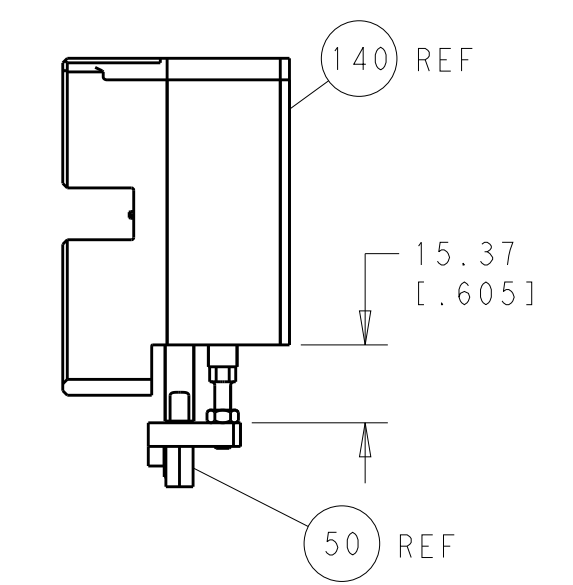
CAM POSITIONS



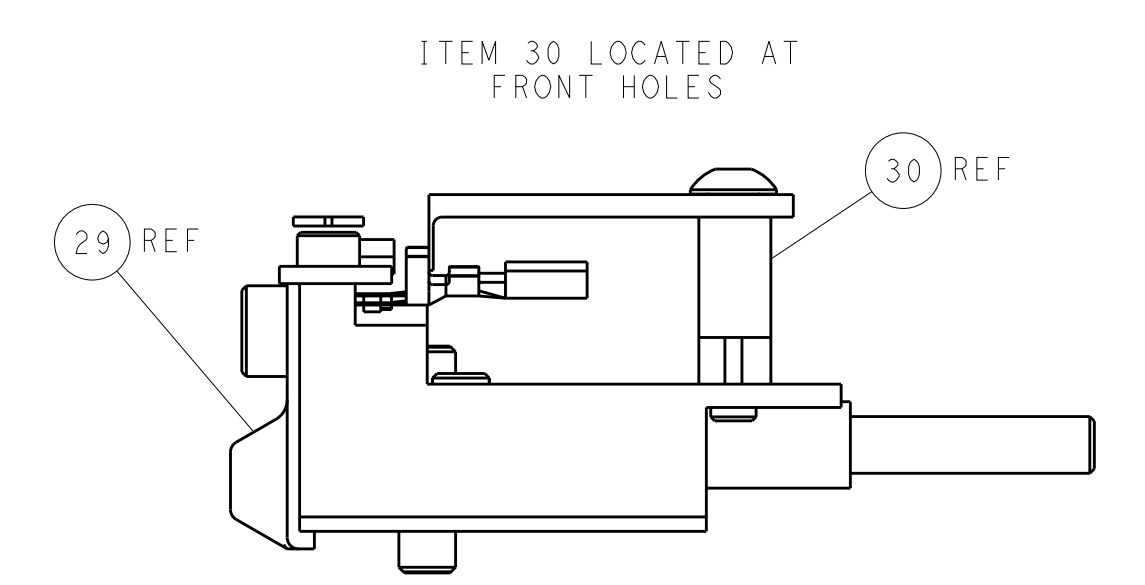
SHEAR DEPRESSOR DETAIL



TERMINAL SUPPORT LOCATION



HOLDDOWN SET-UP



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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				CHK	T. ELBIN	11MAR2011				
				APVD	S. XI	11MAR2011	NAME			
				PRODUCT SPEC		APPLICATION SPEC				
				WEIGHT		SIZE		CASE CODE	DRAWING NO	RESTRICTED TO
				< select from list >		A1		00779	C=2151041	-
				SCALE		1:2		SHEET	4	OF 4

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