

8		7	
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
© COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.	
PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151741-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151741-2	F	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151741-1	F	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151741-2	F	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151741-7	D	CRIMP TOOLING KIT	-

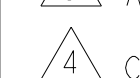
APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.83 mm [.190]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL				TE CRIMP SPECIFICATION			
TERMINAL NAME: NEXT GENERATION SOFT SHELL CONTACT							
WIRE STRIP LENGTH				INSULATION DIAMETER RANGE			
4.20-4.80 mm [.165-.189 IN]				Ø3.85-4.25 mm [.152-.167 IN]			
TERMINAL APPLICATION SPECIFICATION		114-106118		-		-	
TERMINALS APPLIED							
TE TERMINAL		TE TERMINAL		TE TERMINAL		TE TERMINAL	
1971779-1		1971779-2		1971780-1		1971780-2	

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
12 AWG OR 3.28mm2	1.87+/-0.05 [1.074+/- .002]	7.6

- 

RECOMMENDED SPARE PARTS
- 

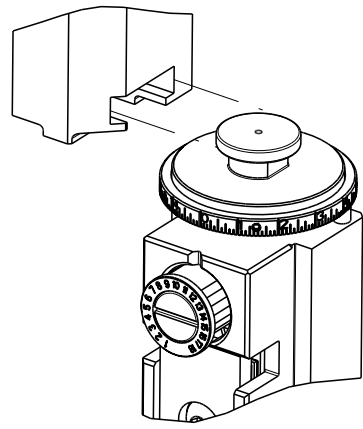
REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 

APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 

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.
- 

ITEM 50 MAY NEED ADJUSTED WHEN SWITCHING TERMINALS.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



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

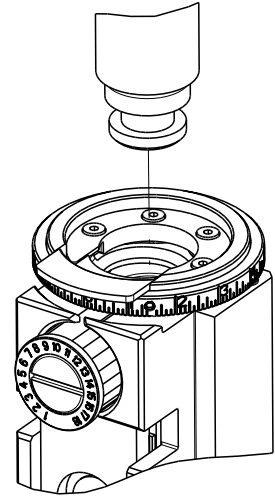
2		1					
LOC	DIST	REVISIONS					
A	66	P	LYR	DESCRIPTION	DATE	DWN	APVD
		C		ECR-16-002768	26FEB2016	XZ	TE
		D		ECR-16-013390	28SEP2016	MZ	TE
		E		ECR-18-008494	04JUN2018	KH	CT
		F		ECR-18-014107	05SEP2018	JAH	TE

-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	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
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2063440-1	AIR FEED MODULE	238
-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	1	1	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	455888-4	SPACER, CRIMPER	82
-	1	1	1	1	1-22278-0	SPRING, COMPRESSION	77
-	1	1	1	1	854769-4	HOLDER, INS	74
-	1	1	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	1	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	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	2	2	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	1	1	690753-2	SPACER, TONKER	50
-	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	1	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	3-2844962-2	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	2-455888-2	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	2119533-2	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	462006-6	FLOATING SHEAR, FRONT	9
-	1	2	2	1	1803079-9	ANVIL, WITH STABILIZER	8
-	1	1	1	1	5-240641-9	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	1	1	4-238011-0	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	8-1803187-6	CRIMPER, INSULATION F	3
-	1	1	1	1	455888-7	SPACER, CRIMPER	2
-	1	2	2	1	456409-4	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE AND TO BE CONTROLLED BY THE ENGINEERING ORGANIZATION. IT SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN L. ZHANG 29AUG2012	TE Connectivity Harrisburg, PA 17105-3608					
DIMENSIONS:				CHK L. ZHANG 29AUG2012	NAME Ocean Side Feed Applicator					
mm				APVD S. XI 29AUG2012	PRODUCT SPEC					
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APPLICATION SPEC						
0 PLC ±				SIZE						
1 PLC ±				CAGE CODE						
2 PLC ±				DRAWING NO						
3 PLC ±				RESTRICTED TO						

8	7
THIS DRAWING IS UNPUBLISHED.	
RELEASED FOR PUBLICATION	
20	
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.	
PART NUMBER	REVISION
DESCRIPTION	FEED TYPE
2-2151741-1	F
2-2151741-2	F
7-2151741-7	D
FINE CRIMP HEIGHT ADJUST	MECHANICAL
FINE CRIMP HEIGHT ADJUST	PNEUMATIC
CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.83 mm [.190]	F
APPLICATOR INSTRUCTIONS 408-35042		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
12 AWG OR 3.28mm2	1.87+/-0.05 [.074+/- .002]	7.6

- 

RECOMMENDED SPARE PARTS
- 

REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 

APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 

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.
- 

ITEM 50 MAY NEED ADJUSTED WHEN SWITCHING TERMINALS.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING, REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

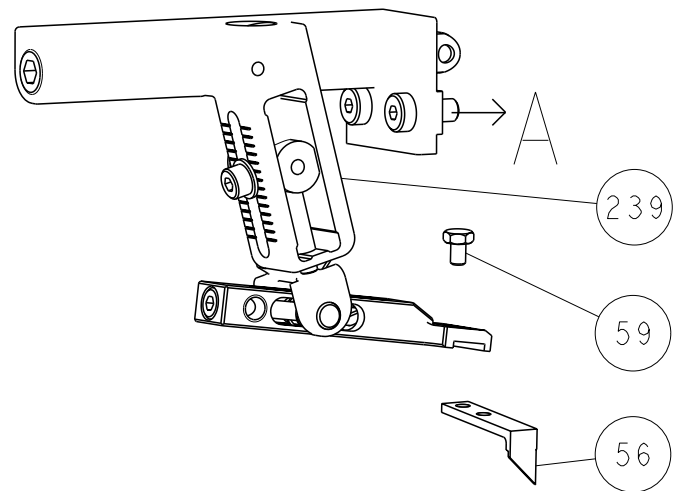
LOC	DIST	REVISONS			
A	66	P	LYR	DESCRIPTION	DATE
		-		SEE SHEET 1	-
					-
					-

-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2063440-1	AIR FEED MODULE	238
-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	4	4	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	1	1	1-18028-2	WASHER, FLAT, REG M4	119
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-4	SPACER, CRIMPER	82
-	1	1	1-22278-0	SPRING, COMPRESSION	77
-	1	1	854769-4	HOLDER, INS	74
-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1338685-1	PAWL, FEED	56
-	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	53
-	1	1	5018030-1	NUT, HEX, REG, RoHS, M3	52
-	1	1	811242-5	BUMPER, HOLD DOWN	51
-	1	1	690753-2	SPACER, TONKER	50
-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1752356-3	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	3-2844962-2	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	2-455888-2	SPACER, CRIMPER	28
-	1	1	1320928-2	STRIP GUIDE	24
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	1	1	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-2	STRIPPER, SIDE FEED	19
-	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	462006-6	FLOATING SHEAR, FRONT	9
-	1	1	1803079-9	ANVIL, WITH STABILIZER	8
-	1	1	5-240641-9	SPACER	7
-	-	-	-	-	6
-	1	1	2119780-9	DEPRESSOR, SHEAR	5
-	1	1	4-238011-0	BLOCK, CRIMPER SPACER	4
-	1	1	8-1803187-6	CRIMPER, INSULATION F	3
-	1	1	455888-7	SPACER, CRIMPER	2
-	1	1	456409-4	CRIMPER, WIRE .120 "F" PREMIUM	1

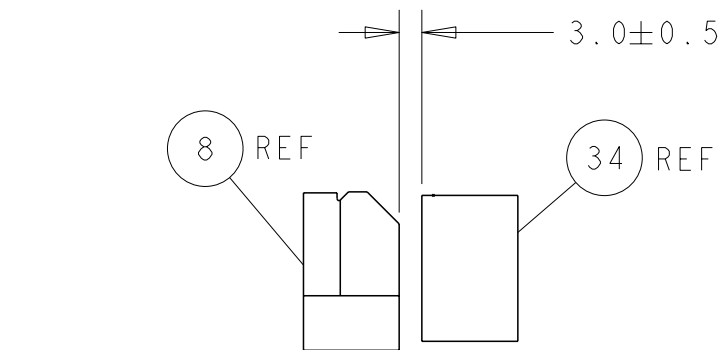
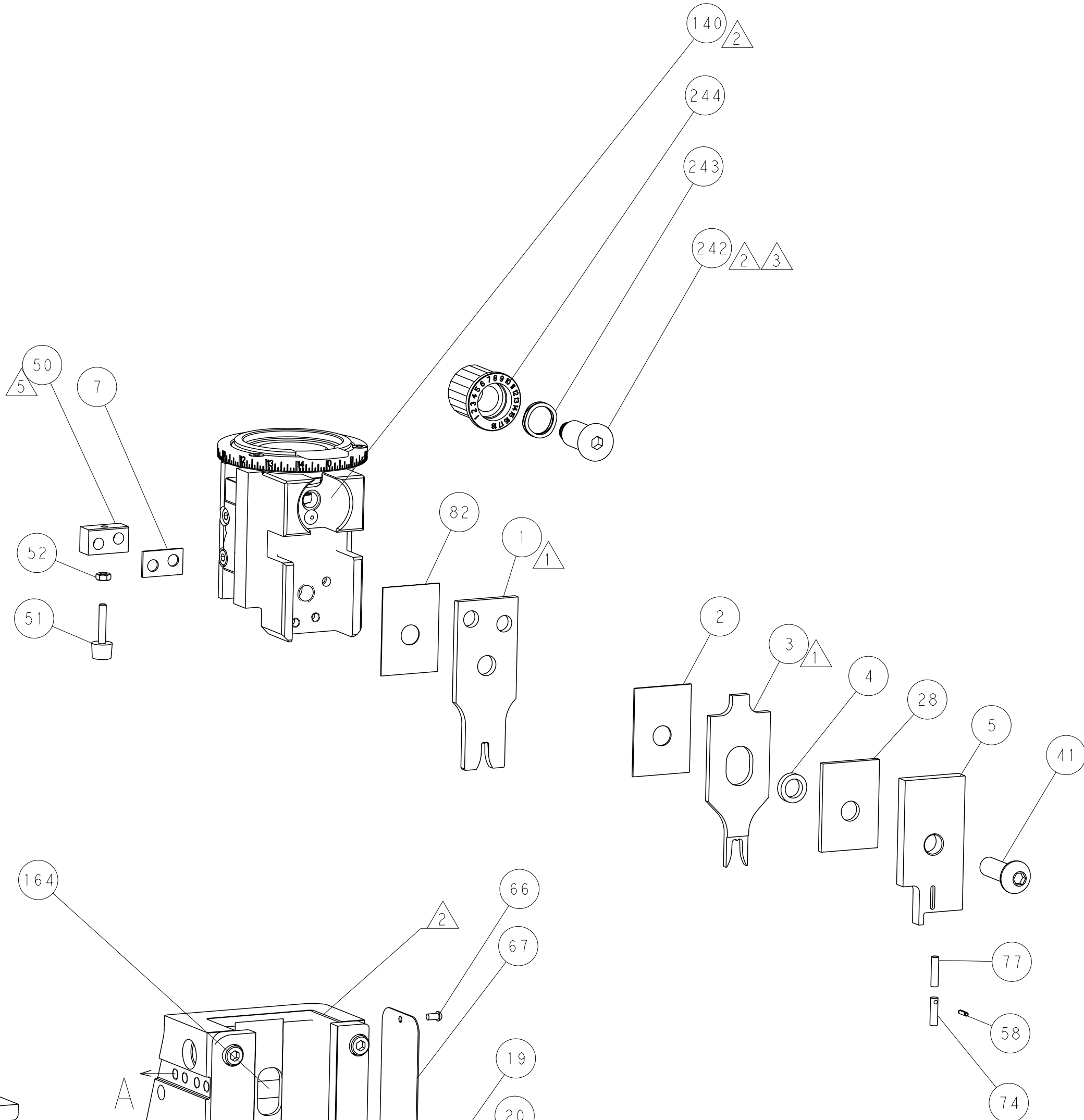
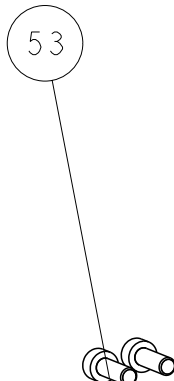
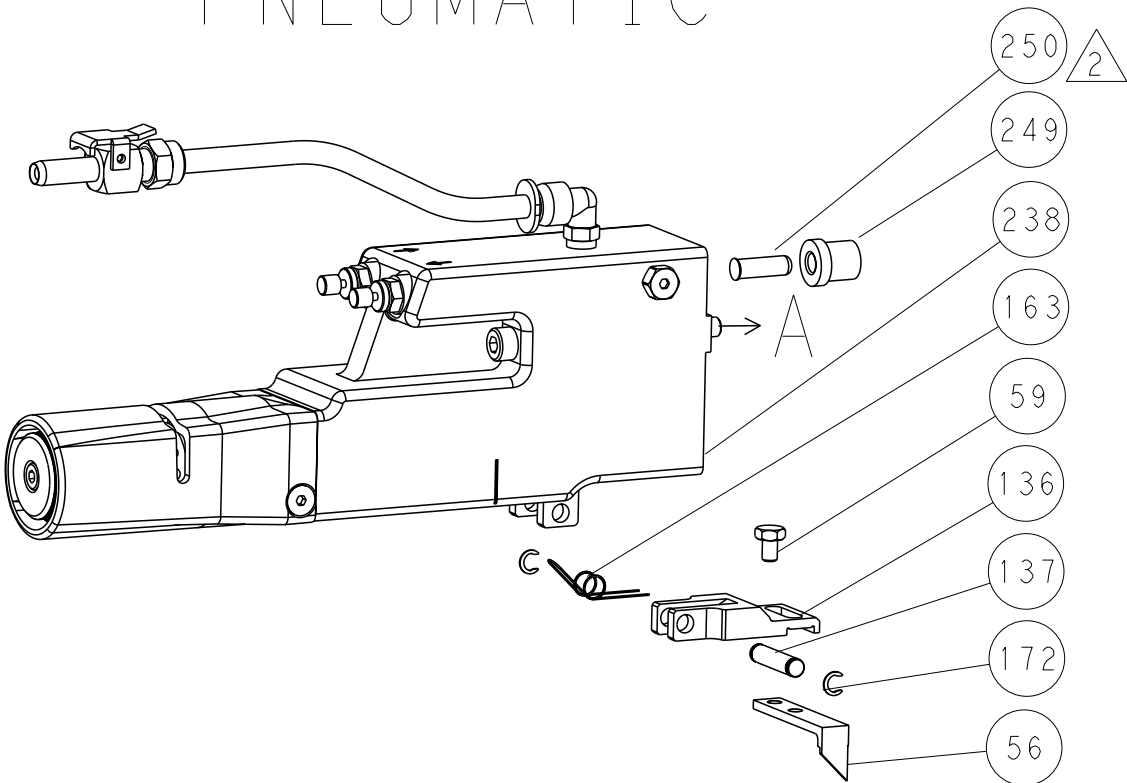
SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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

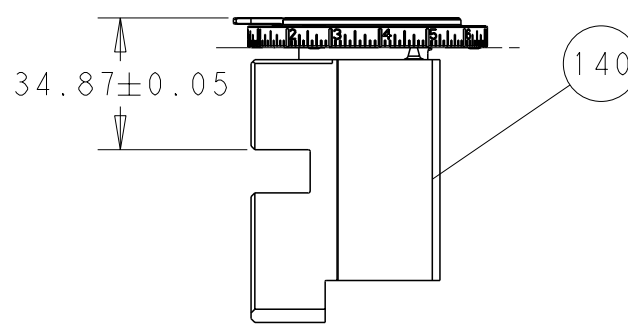
FEED TYPE
MECHANICAL



PNEUMATIC

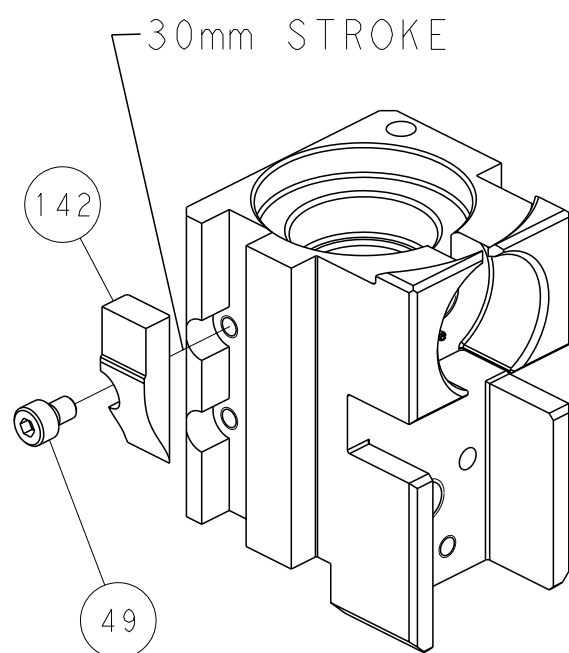


TERMINAL SUPPORT LOCATION

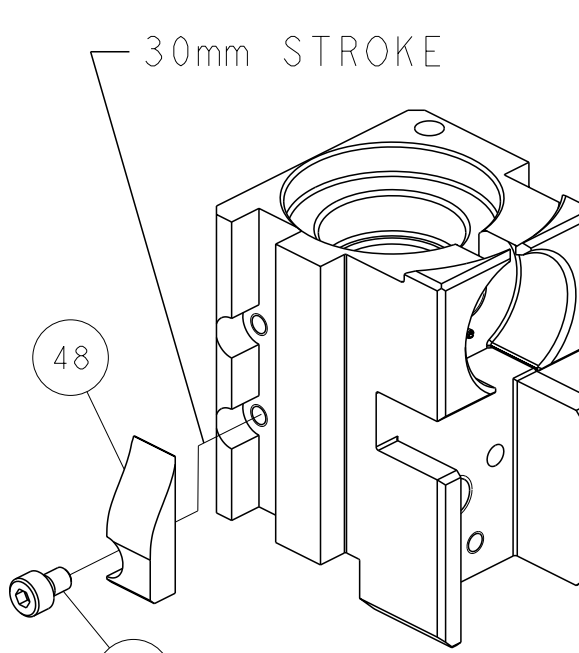


RAM SET-UP

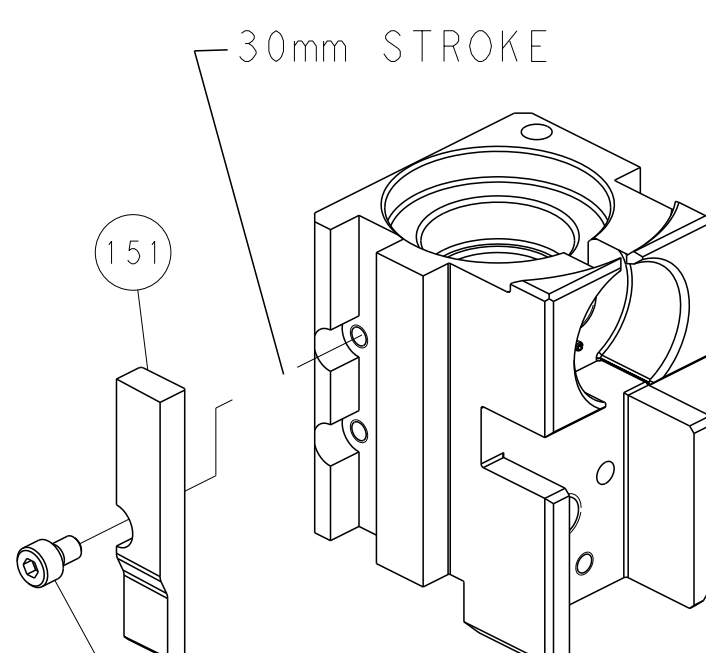
CAM POSITIONS



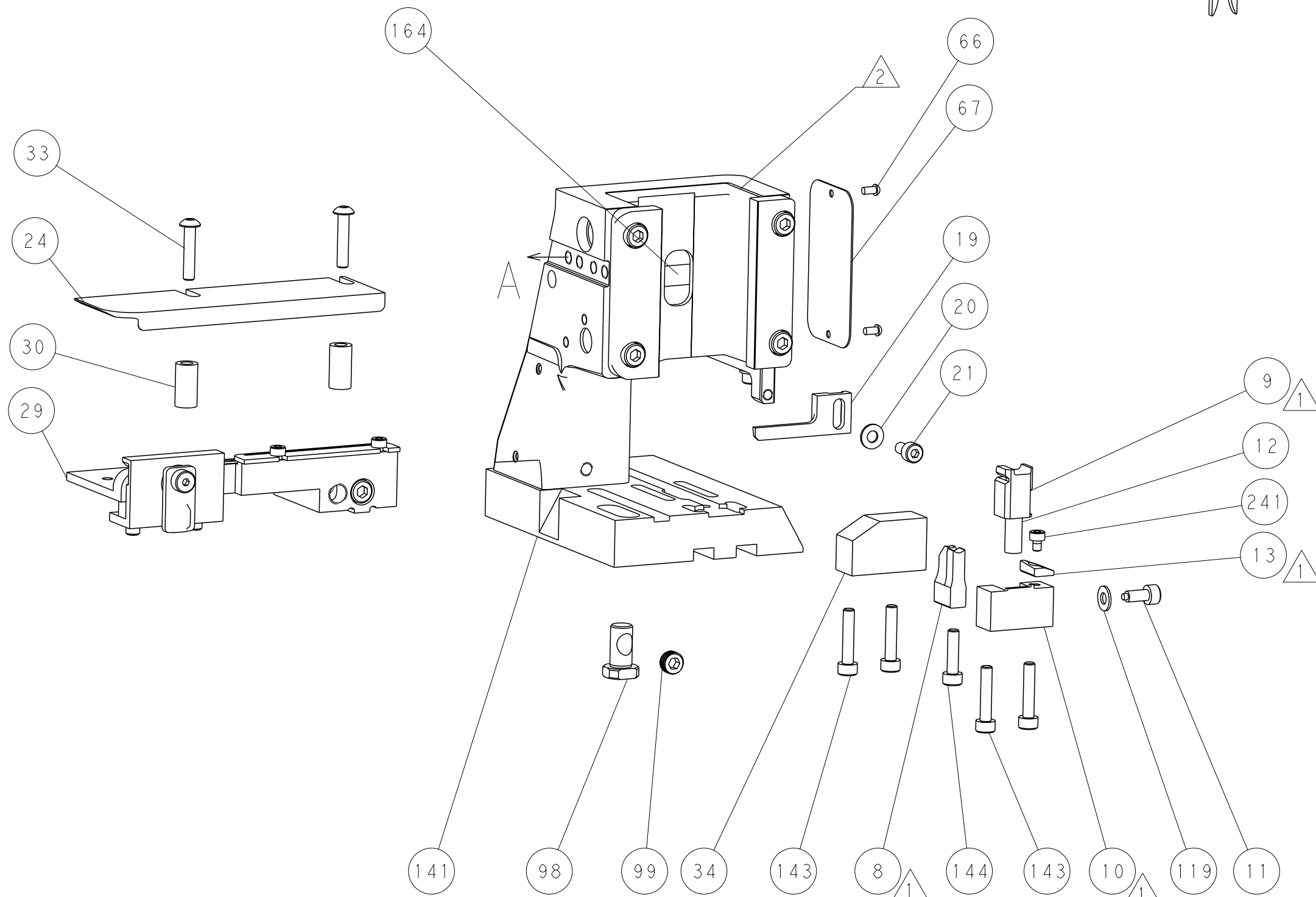
MECHANICAL
POST FEED



MECHANICAL
PRE FEED

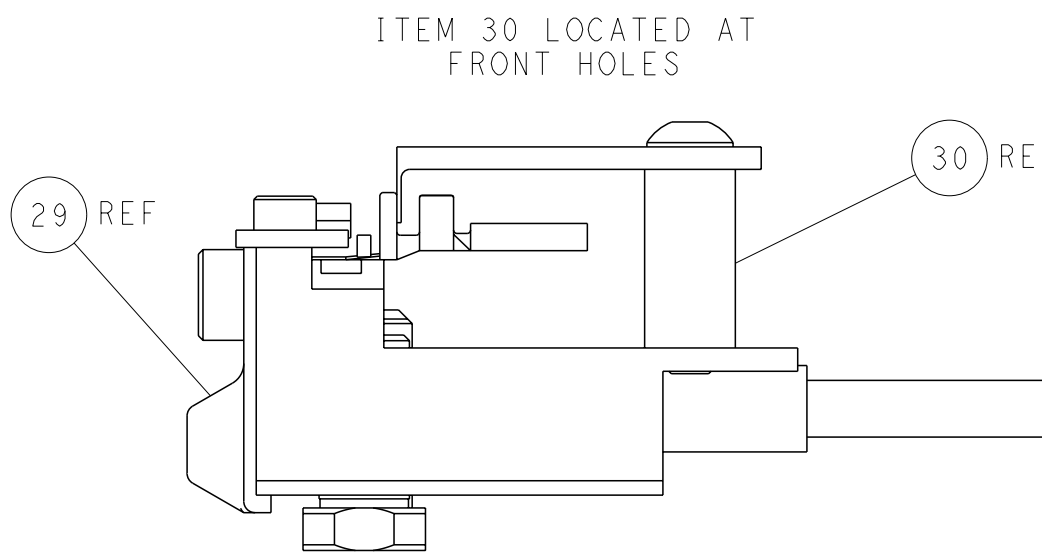


AIR FEED



PACIFIC VERSION

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



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND TO THE CONTROL AND ENGINEERING ORGANIZATION. SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN L. ZHANG 29AUG2012	STE TE Connectivity Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK L. ZHANG 29AUG2012	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		APVD S. YI 29AUG2012	PRODUCT SPEC	
MATERIAL -		APVD S. YI 29AUG2012	APPLICATION SPEC	
		APVD S. YI 29AUG2012	WEIGHT -	
		APVD S. YI 29AUG2012	SIZE A1	
		APVD S. YI 29AUG2012	CAGE CODE 00779	
		APVD S. YI 29AUG2012	DRAWING NO C=2151741	
		APVD S. YI 29AUG2012	RESTRICTED TO -	
		APVD S. YI 29AUG2012	Customer Accessible Production Drawing	
		APVD S. YI 29AUG2012	SCALE 1:2	
		APVD S. YI 29AUG2012	SHEET 4	
		APVD S. YI 29AUG2012	OF 4	
		APVD S. YI 29AUG2012	REV F	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION