

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151072-1	E	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151072-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151072-1	E	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151072-2	E	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151072-7	E	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	2.75 mm [1.08]	F
APPLICATOR INSTRUCTIONS 408-35042		

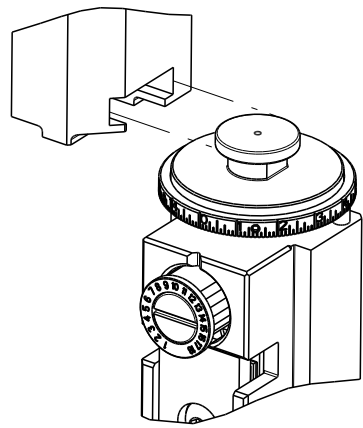
TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMP POWER DBL LOCK CONN,REC.CONTACT			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.00-4.00 mm [1.18-.157 IN]			Ø1.30-2.00 mm [1.051-.079 IN]
TERMINAL APPLICATION 		(A)114-5175	-
SPECIFICATION		-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 177914-1	(A) 177914-2	(A) 177916-1	(A) 1-177916-1
(A) 5-177916-1			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.34mm2 OR 22 AWG	0.89+/-0.05 [1.035+/-1.002]	8.4
0.22mm2 OR 24 AWG	0.85+/-0.05 [1.033+/-1.002]	8.8
0.14mm2 OR 26 AWG	0.80+/-0.05 [1.031+/-1.002]	9.4



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 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.
- 5 TERMINAL LUBRICANT IS RECOMMENDED.
6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMP POWER DBL LOCK CONN,REC,CONTACT			
WIRE STRIP LENGTH			INSULATION DIAMETER RANGE
3.00-4.00 mm [1.18-.157 IN]			Ø1.30-2.00 mm [1.051-.079 IN]
TERMINAL APPLICATION SPECIFICATION		114-61016	-
		-	-
TERMINALS APPLIED			-
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
1743728-1			

*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.

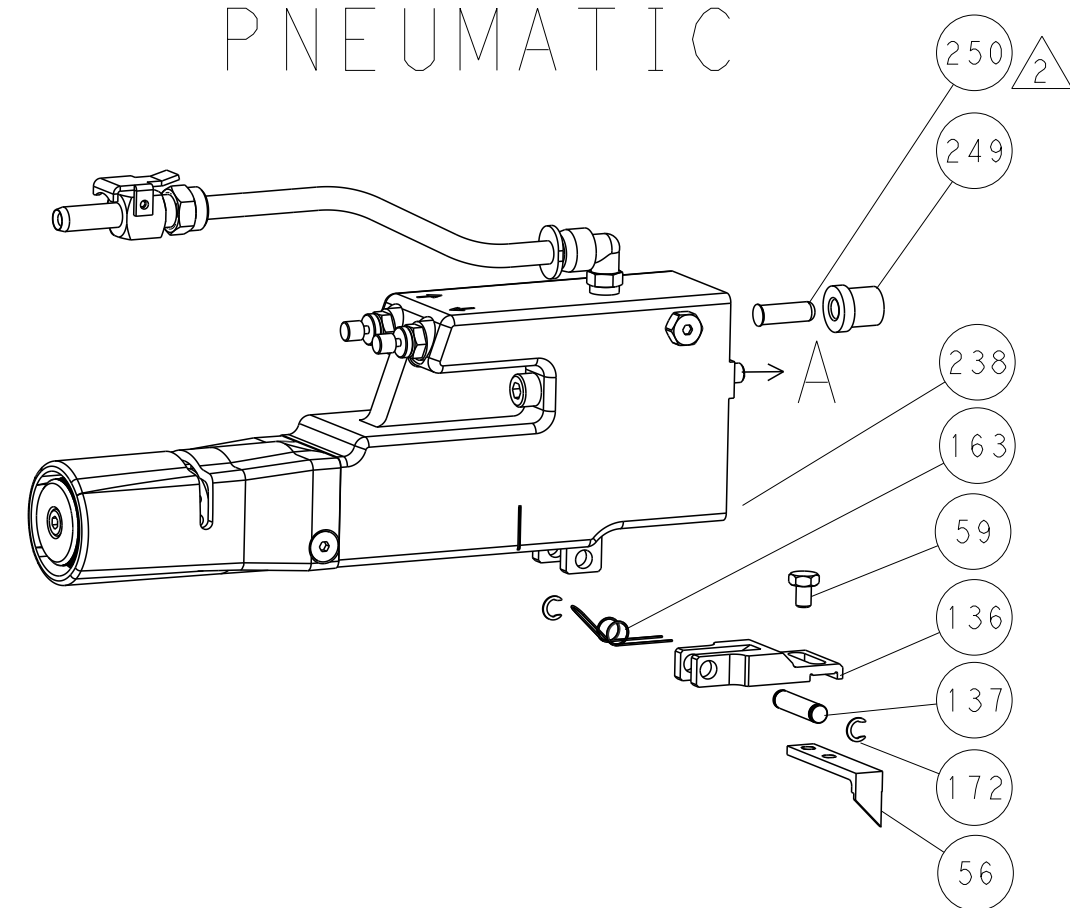
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

2		1						
LOC	DIST	REVISIONS						
A	66	P	LTR	DESCRIPTION		DATE	DWN	APVD
			C	ECR-17-012204		22AUG2017	MZ	KZ
			D	ECR-18-006525		03MAY2018	YY	JDG
			E	ECR-19-000451		10JAN2019	TB	CT
			E1	ECR-19-009642		19JUN2019	TB	TE

-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1	-	1803259-1	BUSHING, FLANGED	249
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-9	CAM, SWAIL, 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	2	2	1-2079383-0	SCR, BHSC, RoHS (M3 X 6)	230
-	1	1	1	1	1-1633764-4	HOLD DOWN, TERMINAL	179
-	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	-	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	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	455888-6	SPACER, CRIMPER	82
-	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	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1	1	1901681-8	HOLDDOWN, TERMINAL	51
-	1	1	1	1	1-1752354-6	STANDOFF,HOLD-DOWN	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	1803515-3	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	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	1-455888-0	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	2119533-3	STRIPPER, SIDE FEED	19
1	2	2	1	1	1633988-1	CRIMPER, INSULATION BOX PREMIUM	14
-	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	1803095-1	FLOATING SHEAR, FRONT	9
1	2	2	1	1	4-1633128-4	ANVIL, COMBINATION .055	8
-	1	1	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	1	1	238011-9	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	2119582-9	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	455888-5	SPACER, CRIMPER	2
1	2	2	1	1	7-1633305-2	CRIMPER, WIRE PREMIUM	1

-77 -72 -71 -2 -1		PART NO	DESCRIPTION	ITEM NO
DWN		19AUG2011	TE Connectivity	
CHK		19AUG2011	Harrisburg, PA 17105-3608	
DIMENSIONS:		APVD	NAME	
mm		S. XI	Ocean Side Feed	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	Applicator	
0 PLC ±		APPLICATION SPEC	-	
1 PLC ±		SIZE	CAGE CODE	DRAWING NO
2 PLC ±		WEIGHT	00779	2151072
3 PLC ±		Customer Accessible Production Drawing	SCALE	1:2
4 PLC ±		SHEET	1	OF 4
ANGLES FINISH		REV	E1	

PNEUMATIC



30mm STROKE

40mm STROKE

MECHANICAL POST FEED

30mm STROKE

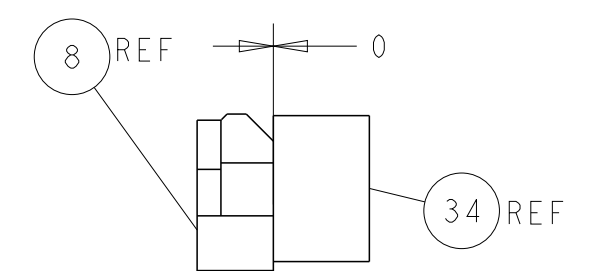
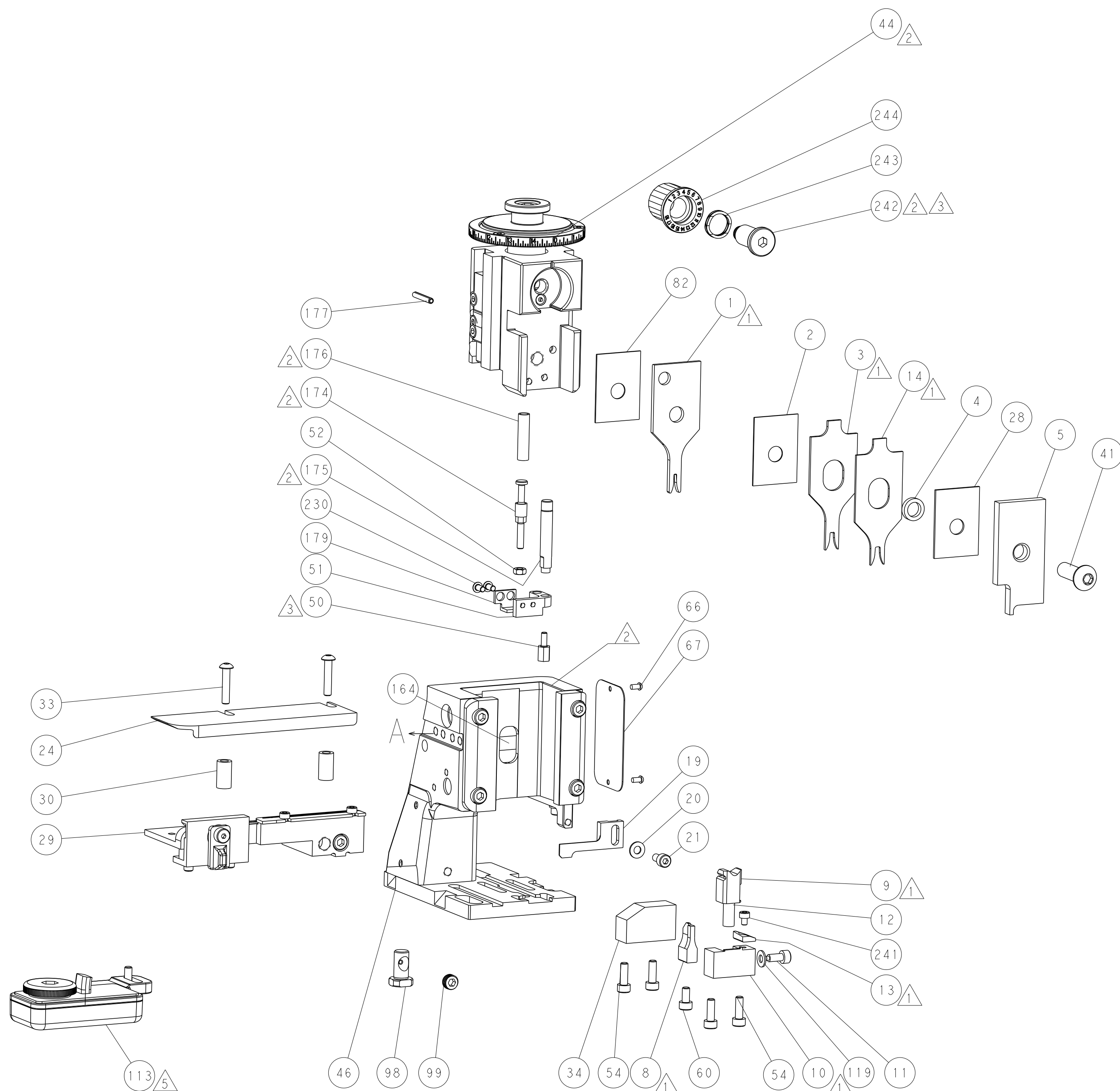
40mm STROKE

MECHANICAL PRE FEED

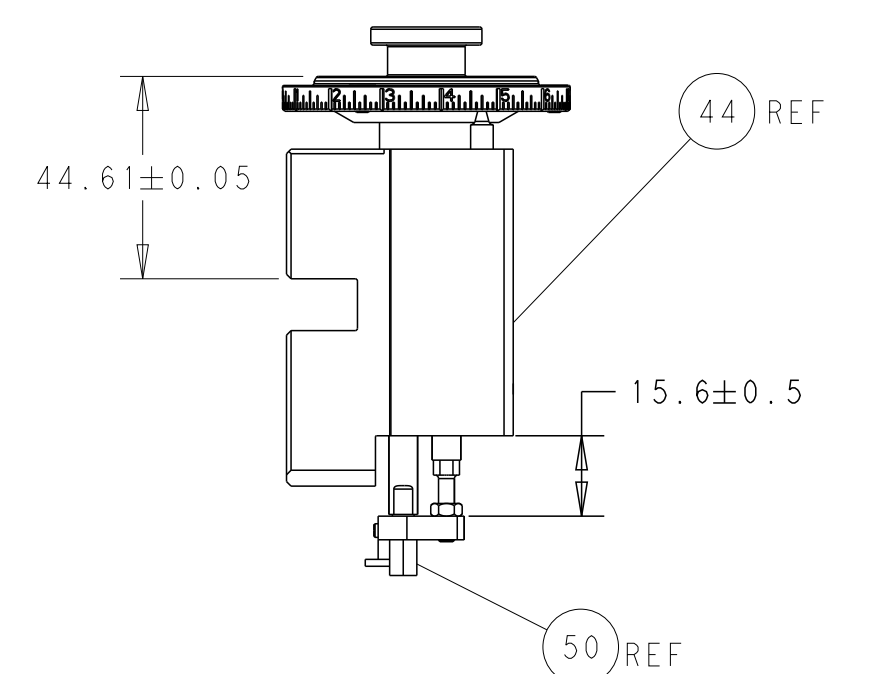
30mm STROKE

40mm STROKE

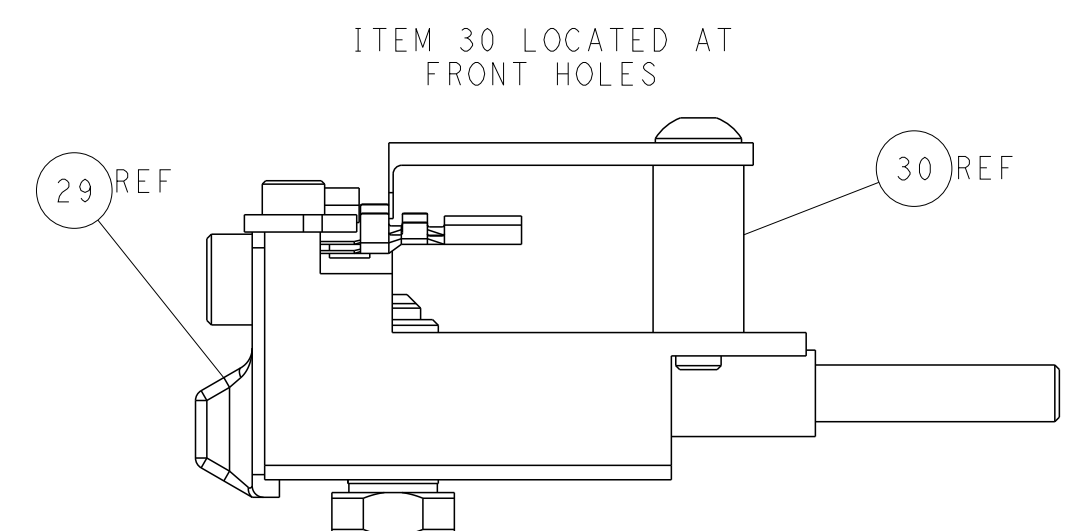
AIR FEED



TERMINAL SUPPORT LOCATION

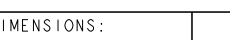


RAM AND HOLDDOWN SET-UP



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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 ETCO-TECHNICS CORPORATION IT IS SUBJECT TO THE ETCO-TECHNICS CORPORATION POLICY ON THE ETCO-TECHNICS CORPORATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN K HUANG CHK -	19AUG2011 -	 TE Connectivity Harrisburg, PA 17105-3608				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 ANGLES ±.1		APVD S_X1 19AUG2011 PRODUCT SPEC - APPLICATION SPEC -	NAME Ocean Side Feed Applicator -			
		MATERIAL -	FINISH -	WEIGHT -	SIZE A1	CASE CODE 00779	DRAWING NO C-2151072	RESTRICTED TO -
Customer Accessible Production Drawing				SCALE 1:2	SHEET 2	OF 4	REV F	

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151072-1	E	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151072-2	E	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151072-7	E	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.40 mm [.055]	F
INSUL	2.75 mm [.108]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: AMP POWER DBL LOCK CONN,REC.CONTACT			
WIRE STRIP LENGTH 3.00-4.00 mm [.118-.157 IN]		INSULATION DIAMETER RANGE Ø1.30-2.00 mm [.051-.079 IN]	
TERMINAL APPLICATION SPECIFICATION (A)114-5175		- -	
TERMINALS APPLIED 5			
TE TERMINAL (A) 177914-1	TE TERMINAL (A) 177914-2	TE TERMINAL (A) 177916-1	TE TERMINAL (A) 1-177916-1
(A) 5-177916-1			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
0.34mm2 OR 22 AWG	0.89+/-0.05 [.035+/-0.002]	8.4
0.22mm2 OR 24 AWG	0.85+/-0.05 [.033+/-0.002]	8.8
0.14mm2 OR 26 AWG	0.80+/-0.05 [.031+/-0.002]	9.4



- RECOMMENDED SPARE PARTS
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50. 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.
- TERMINAL LUBRICANT IS RECOMMENDED.
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)

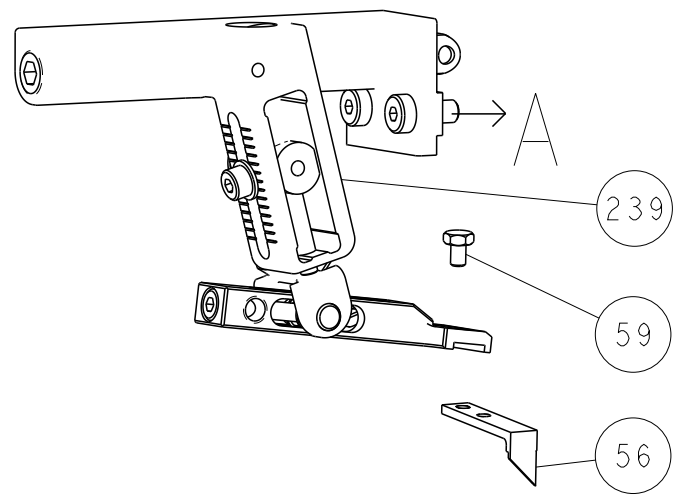
2		1					
LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1803259-1	BUSHING, FLANGED	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	2	1-2079383-0	SCR, BHSC, RoHS (M3 X 6)	230
-	1	1	1-1633764-4	HOLD DOWN, TERMINAL	179
-	1	1	9931111-1	PIN, SLOTTED SPRING 3.0 X 20.0	177
-	1	1	8-22280-7	SPRING, COMPRESSION	176
-	1	1	1752353-2	GUIDE PIN,HOLDDOWN	175
-	1	1	1901680-2	GUIDE PIN,HOLDDOWN	174
-	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	2119955-1	ASSY, LUBRICATOR, SIDE FEED	113
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	455888-6	SPACER, CRIMPER	82
-	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	1338685-1	PAWL, FEED	56
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	1	1901681-8	HOLDDOWN, TERMINAL	51
-	1	1	1-1752354-6	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	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	2-2844962-8	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1-455888-0	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	2119533-3	STRIPPER, SIDE FEED	19
1	1	1	1633988-1	CRIMPER, INSULATION BOX PREMIUM	14
-	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	1803095-1	FLOATING SHEAR, FRONT	9
1	1	1	4-1633128-4	ANVIL, COMBINATION .055	8
-	1	1	2119757-8	DEPRESSOR, SHEAR	5
-	1	1	238011-9	BLOCK, CRIMPER SPACER	4
1	1	1	2119582-9	CRIMPER, INSULATION F PREMIUM	3
-	1	1	455888-5	SPACER, CRIMPER	2
1	1	1	7-1633305-2	CRIMPER, WIRE PREMIUM	1

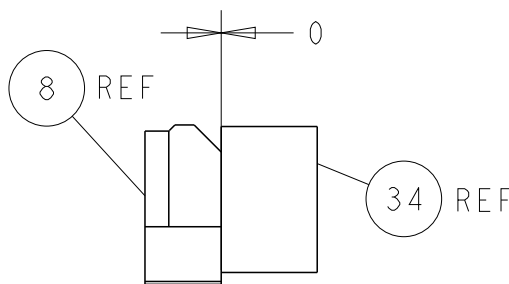
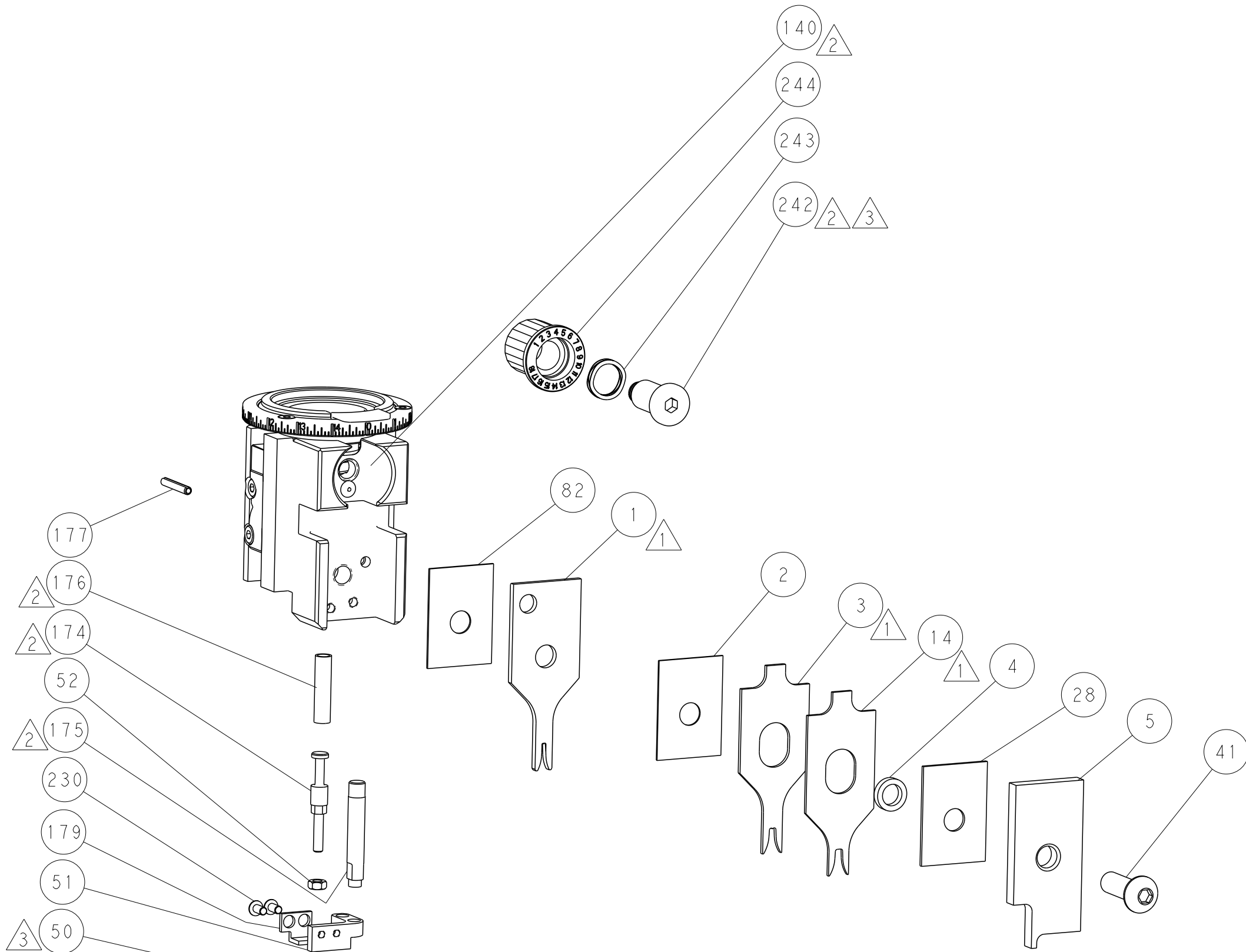
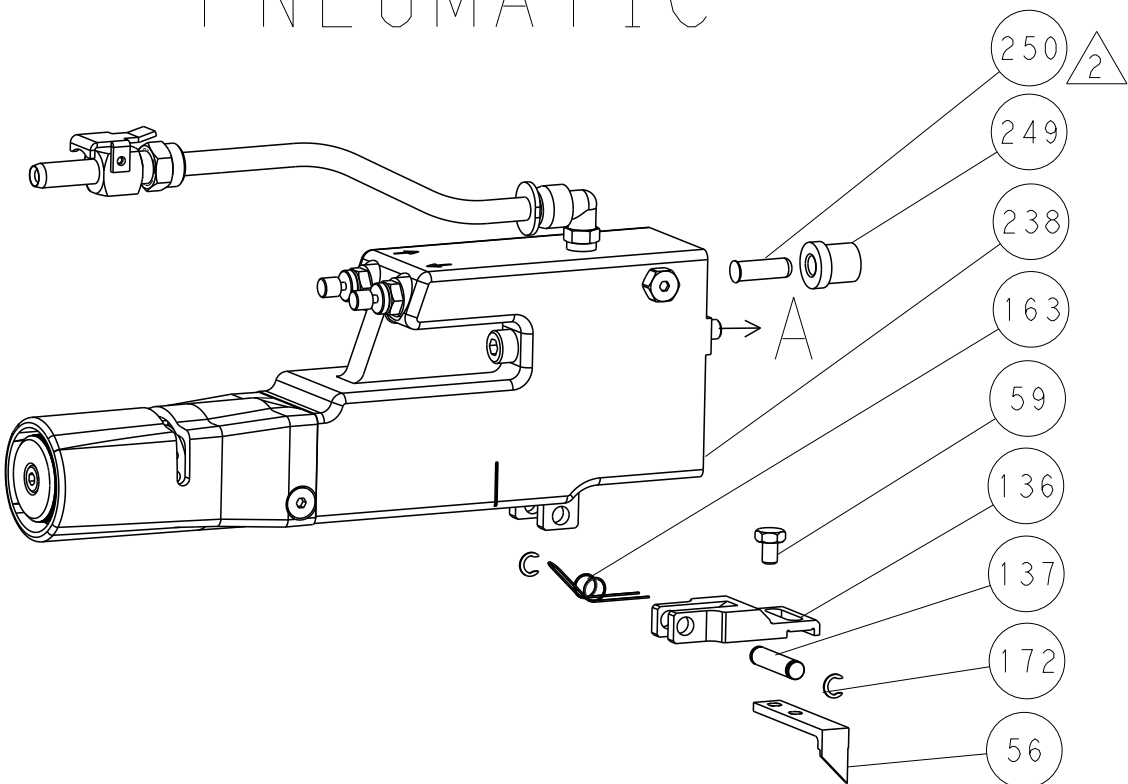
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
CHK			DWN R. HUANG	19AUG2011	
DIMENSIONS:			APVD S. XI	19AUG2011	
mm			PRODUCT SPEC	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC	Ocean Side Feed Applicator	
0 PLC ±			SIZE	CAGE CODE	DRAWING NO
1 PLC ±			WEIGHT	00779	2151072
2 PLC ±			Customer Accessible Production Drawing		
3 PLC ±			SCALE 1:2		
4 PLC ±			SHEET 3 OF 4		
ANGLES			REV E1		
FINISH					

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

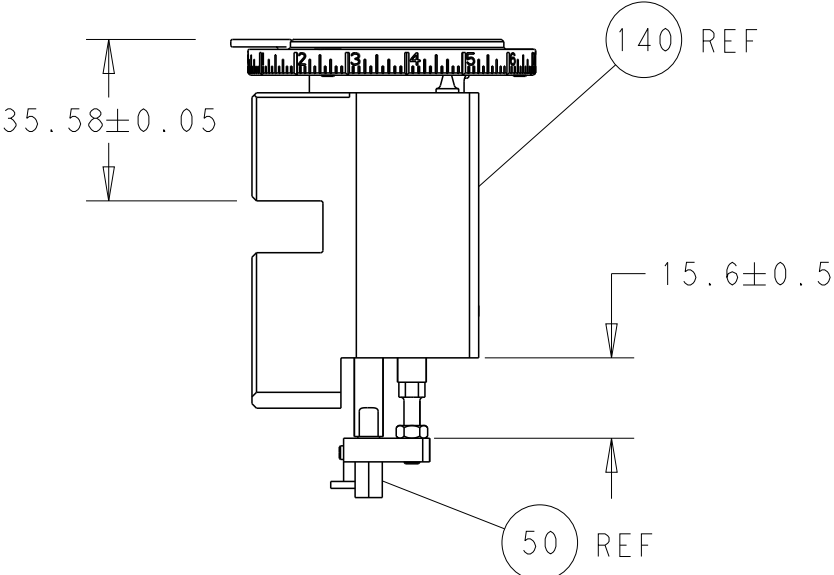
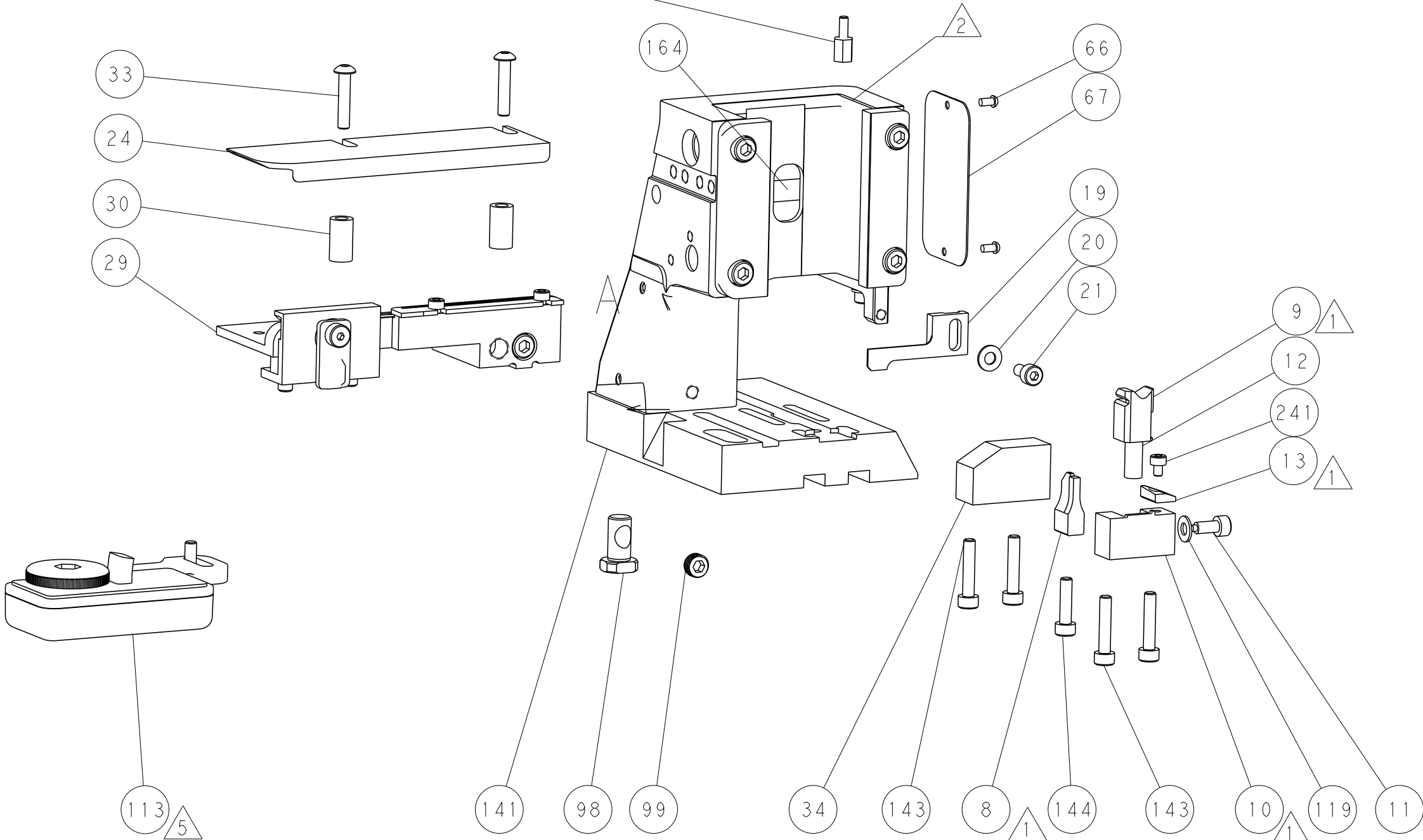
FEED TYPE
MECHANICAL



PNEUMATIC

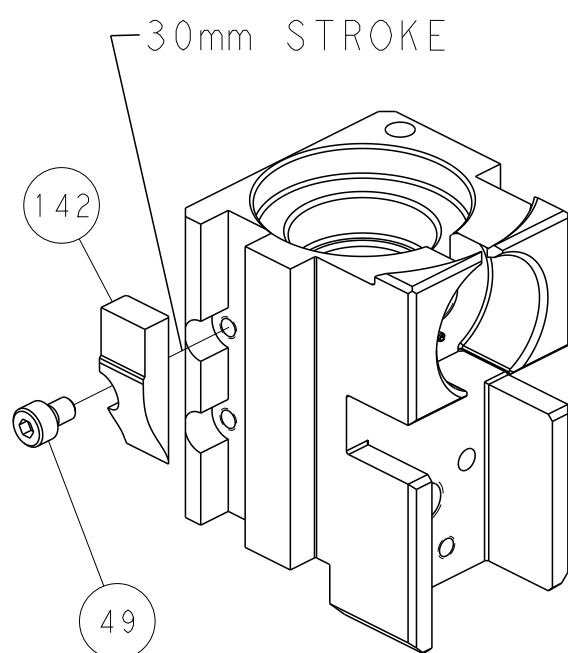


TERMINAL SUPPORT LOCATION

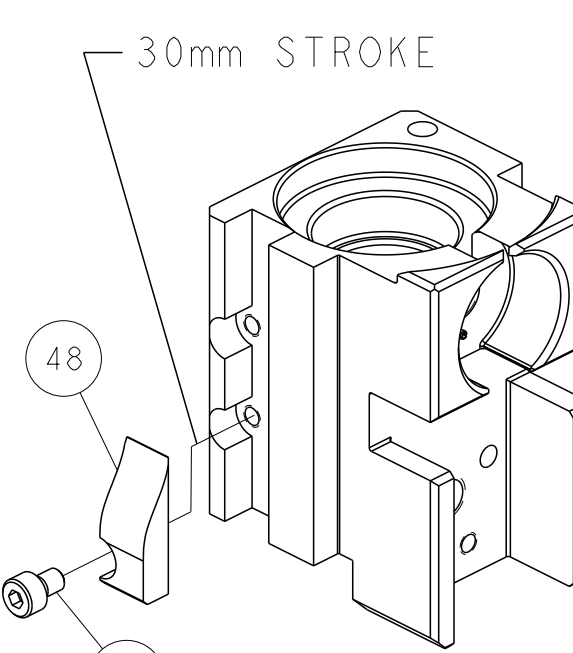


RAM AND HOLDDOWN SET-UP

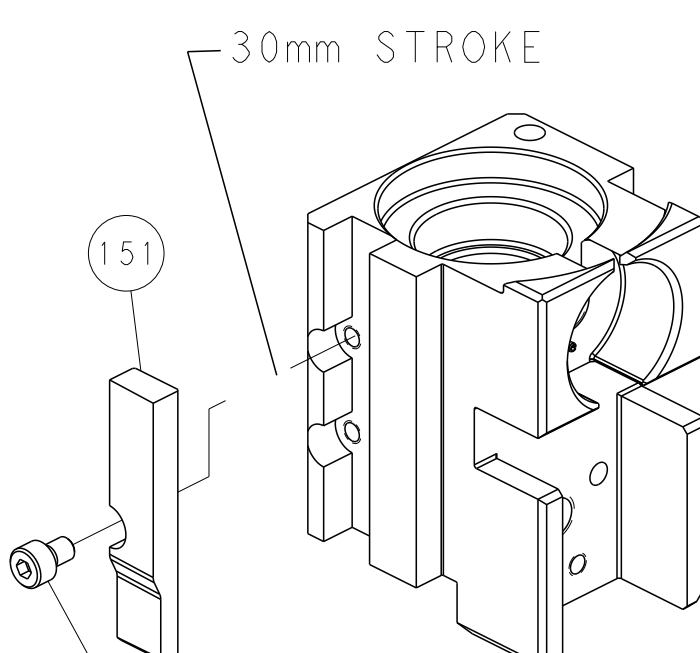
CAM POSITIONS



MECHANICAL
POST FEED

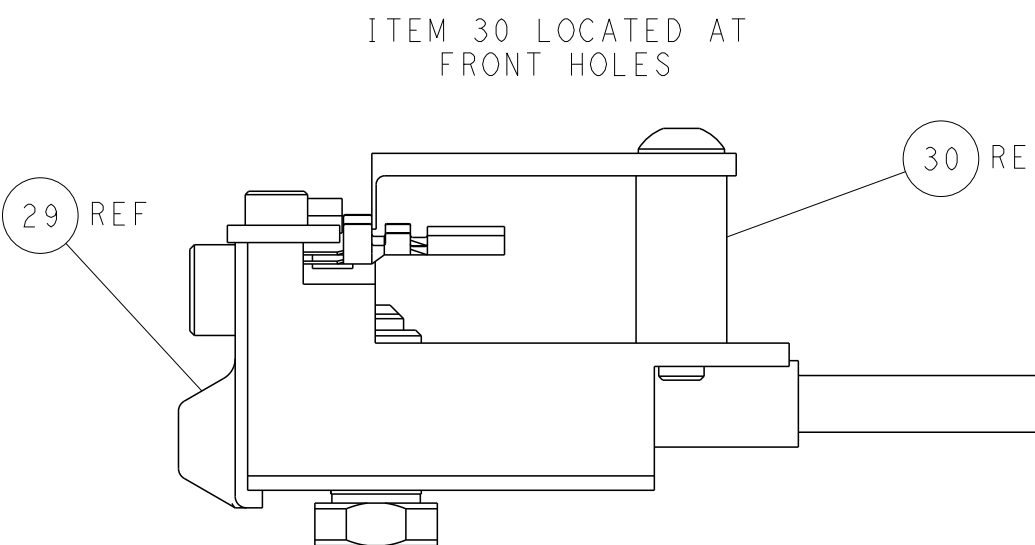


MECHANICAL
PRE FEED



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

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DIMENSIONS: mm		CHK S. XI	19AUG2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. XI	19AUG2011	NAME Ocean Side Feed Applicator	
0 PLC ±		PRODUCT SPEC		SIZE A1	
1 PLC ±		APPLICATION SPEC		CAGE CODE 00779	
2 PLC ±				DRAWING NO 2151072	
3 PLC ±				RESTRICTED TO	
4 PLC ±					
ANGLES FINISH		WEIGHT			
MATERIAL					
		Customer Accessible Production Drawing	SCALE 1:2	SHEET 4	OF 4
				REV E1	

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION