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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151433-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151433-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151433-1	F	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151433-2	G	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151433-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.00 mm [.079]	F
INSUL	2.49 mm [.098]	O
APPLICATOR INSTRUCTIONS 408-35042		

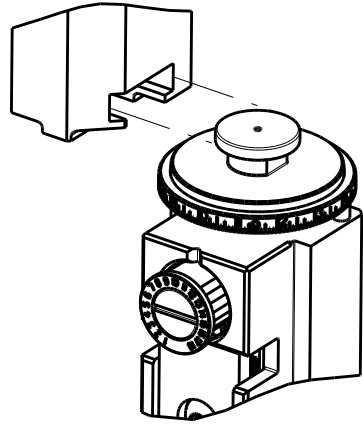
TERMINAL DATA: MOLEX TERMINAL MOLEX CRIMP SPECIFICATION			
TERMINAL NAME: KK CRIMP TERMINAL, 3.96mm PITCH			
WIRE STRIP LENGTH .108-.123 IN [2.74-3.12 mm]		INSULATION DIAMETER RANGE Ø .110 IN MAX [2.79 mm MAX]	
TERMINAL APPLICATION SPECIFICATION	ATS-639007200	-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
1572397-1	08-50-0105	1-1572397-1	08-53-0811
1572397-2	08-52-0071	1-1572397-2	08-55-0133
1572397-3	08-58-0121	1-1572397-3	08-58-0103
1572397-4	08-56-0105	1-1572397-4	08-58-0114
1572397-5	08-65-0114	1-1572397-5	39-00-0286
1572397-6	08-55-0103	1-1572397-6	39-00-0347
1572397-7	08-50-0015	1-1572397-7	40-01-1118
1572397-8	08-50-0119	1-1572397-8	50-29-1689
1572397-9	08-50-0281	1-1572397-9	50-29-1768
1-1572397-0	08-52-0811		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG OR 0.81mm2	1.12+/-0.05 [.044+/- .002]	5.6
18 AWG OR 0.80mm2	1.12+/-0.025 [.044+/- .001]	5.9
20 AWG OR 0.50mm2	1.06+/-0.025 [.042+/- .001]	6.5
22 AWG OR 0.35mm2	1.00+/-0.025 [.039+/- .001]	6.8
24 AWG OR 0.20mm2	0.94+/-0.03 [.037+/- .001]	7.3



- 1
- RECOMMENDED SPARE PARTS
- 2
- REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3
- 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
- SPECIAL APPLICATION FOR USE WITH 18AWG UL1015, 16 STRAND (.010") [.254mm2] ONLY.
6.
- UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION TERMINATOR
INTERFACE ADAPTER



TERMINAL DATA: MOLEX TERMINAL MOLEX CRIMP SPECIFICATION			
TERMINAL NAME: KK CRIMP TERMINAL, 3.96mm PITCH			
WIRE STRIP LENGTH .108-.123 IN [2.74-3.12 mm]		INSULATION DIAMETER RANGE Ø .110 IN MAX [2.79 mm MAX]	
TERMINAL APPLICATION SPECIFICATION	ATS-639007200	-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
286984-1	08-58-0110	286984-6	08-50-0024
286984-2	08-58-0187	286984-7	08-58-0105
286984-3	08-50-0187	286984-8	08-58-0118
286984-4	08-52-0112		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG OR 0.80mm2	1.12+/-0.025 [.044+/- .001]	5.9
20 AWG OR 0.50mm2	1.06+/-0.025 [.042+/- .001]	6.5

*WARNING
ON INSTALLATION, SET WIRE DISC TO 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)

LOC	DIST	REVISIONS			
A	66	P	LTR	DESCRIPTION	DATE DWN APVD
		D		ECR-15-010356	09JUL2015 MR JDG
		E		ECR-17-008003	02JUNE2017 TB JDG
		F		ECR-18-016345	15OCT2018 TB TE
		G		ECR-19-010868	11JUL2019 FJ TE

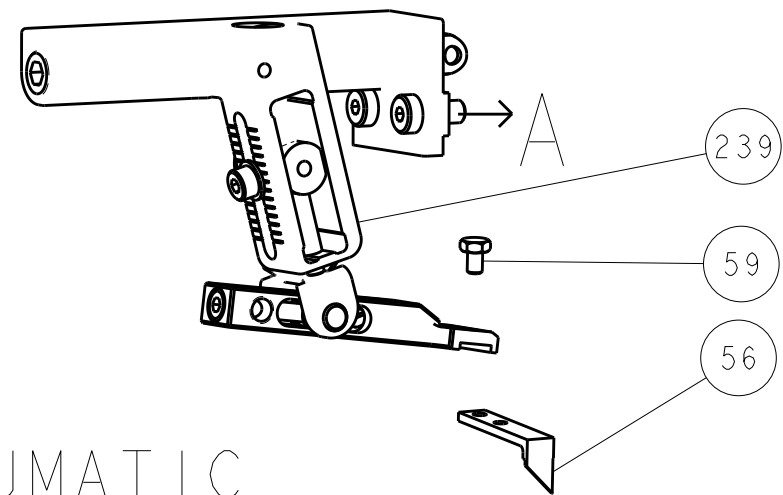
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	286
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	1	1	1	2217068-1	BRACKET, AIR BLAST	130
-	1	1	1	1	2030758-3	TUBING, POLYURETHANE	129
-	1	1	1	1	5018030-2	NUT, HEX, REG, RoHS, M4	128
-	1	1	1	1	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	127
-	1	1	1	1	986220-3	CLAMP, CABLE, BLACK	126
-	1	1	1	1	1-22281-8	SPRING, COMPRESSION	121
-	1	1	1	1	23238-1	INSERT, COUPLING	101
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	1-690487-3	GUIDE, FRONT STRIP	96
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
-	1	1	1	1	1-455888-9	SPACER, CRIMPER	82
-	1	1	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	1	1	2119791-6	DEPRESSOR, WIRE	70
-	1	1	1	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	2	2	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
-	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
-	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	1803583-1	APPLICATOR BASIC ASSEMBLY, SF	46
-	2	2	2	2	2-2168083-6	SCR, SKT HD CAP, RoHS, M4 X 18	45
-	1	1	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	43
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	36
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	1-2844962-5	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	1-2844938-9	PLATE, STRIP GUIDE	29
-	2	2	2	2	22281-7	SPRING, COMPRESSION	27
-	1	1	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	1	1	4-690754-5	DRAG, SPECIAL	25
-	1	1	1	1	1-1320928-0	STRIP GUIDE	24
-	1	1	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	4	4	4	4	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-4	STRIPPER, SIDE FEED	19
-	1	1	1	1	1-2119928-5	FENCE	12
-	1	1	1	1	2119830-8	HOLDER, SLUG BLADE	11
-	1	1	1	1	1633579-1	BLADE, SLUG	10
-	1	1	1	1	1633578-3	PLATE, REAR SHEAR	9
-	1	2	2	1	1633576-4	ANVIL, SPECIAL	8
-	1	1	1	1	2-240641-1	SPACER	7
-	-	-	-	-	-	-	6
-	1	1	1	1	1803203-1	BLOCK, FRONT DEPRESSOR	5
-	1	1	1	1	238011-4	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	5-1633966-3	CRIMPER, INSULATION O	3
-	1	1	1	1	455888-1	SPACER, CRIMPER	2
-	1	2	2	1	6-1633609-6	CRIMPER, WIRE	1
-	77	72	71	-2	-1	PART NO	ITEM NO

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CHK K. J. STAKEM				15JUN2012	18JUN2012	NAME Ocean Side Feed Applicator	
APVD T. ELBIN				18JUN2012	18JUN2012	PRODUCT SPEC - APPLICATION SPEC - SIZE A1	
APPLICATION SPEC -				CAGE CODE 00779			
MATERIAL -				DRAWING NO C=2151433			
FINISH -				RESTRICTED TO -			
SCALE 1:2				SHEET 1 OF 4			
REV G				REV G			

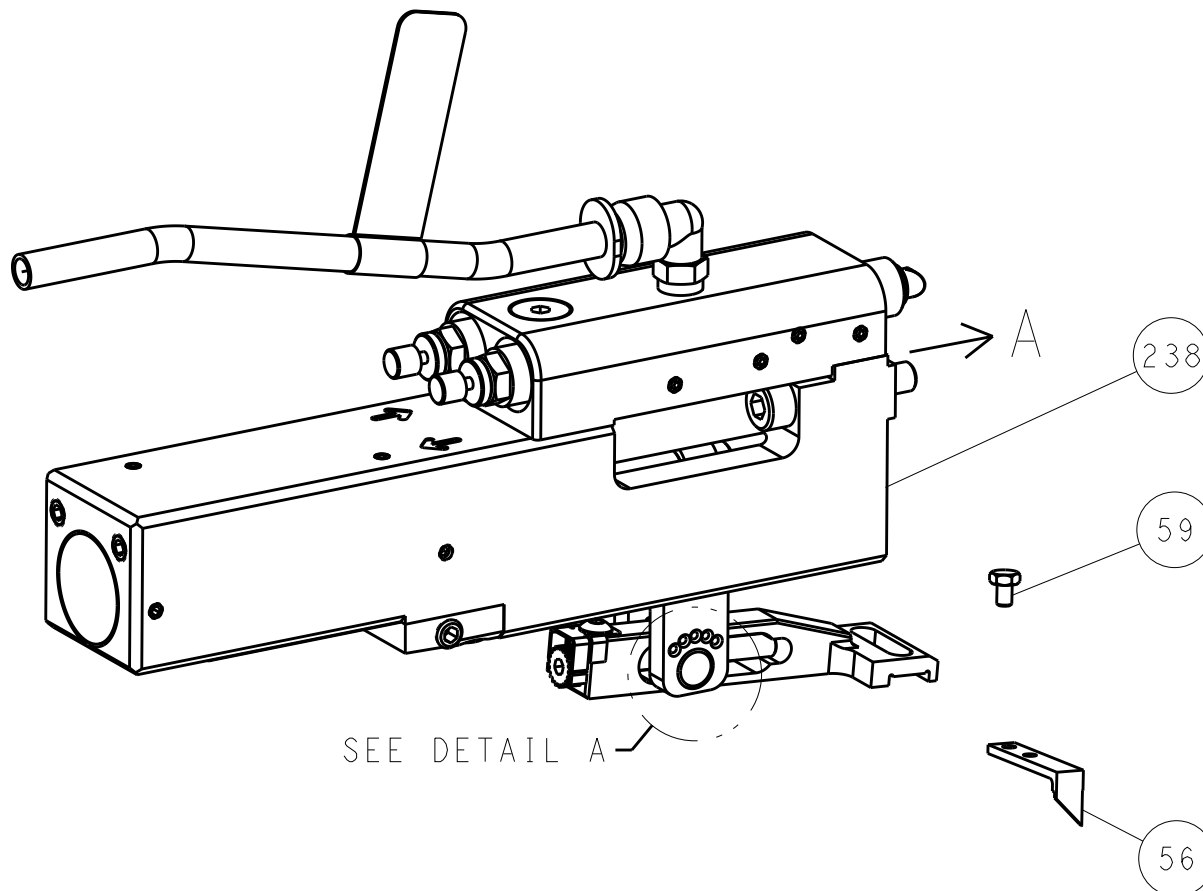
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

FEED TYPE

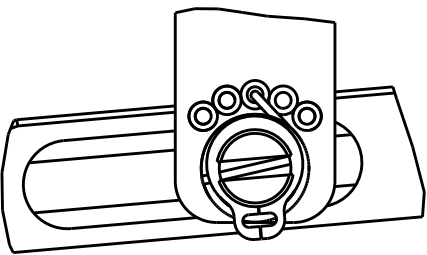
MECHANICAL



PNEUMATIC

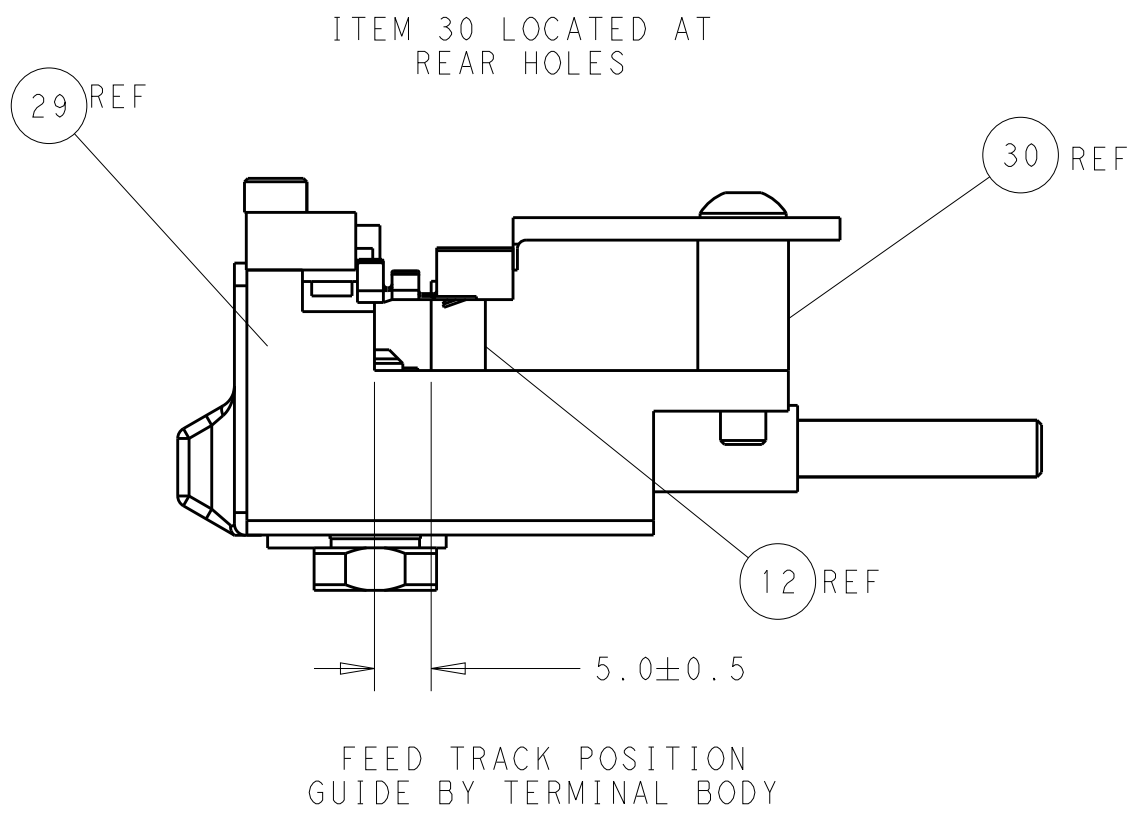
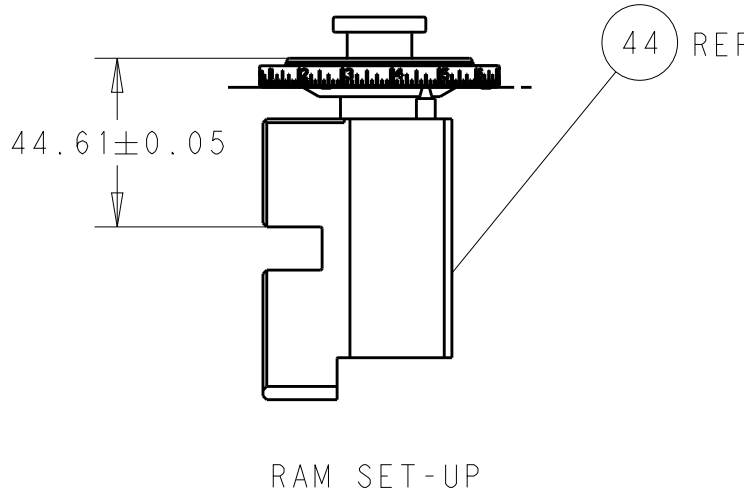
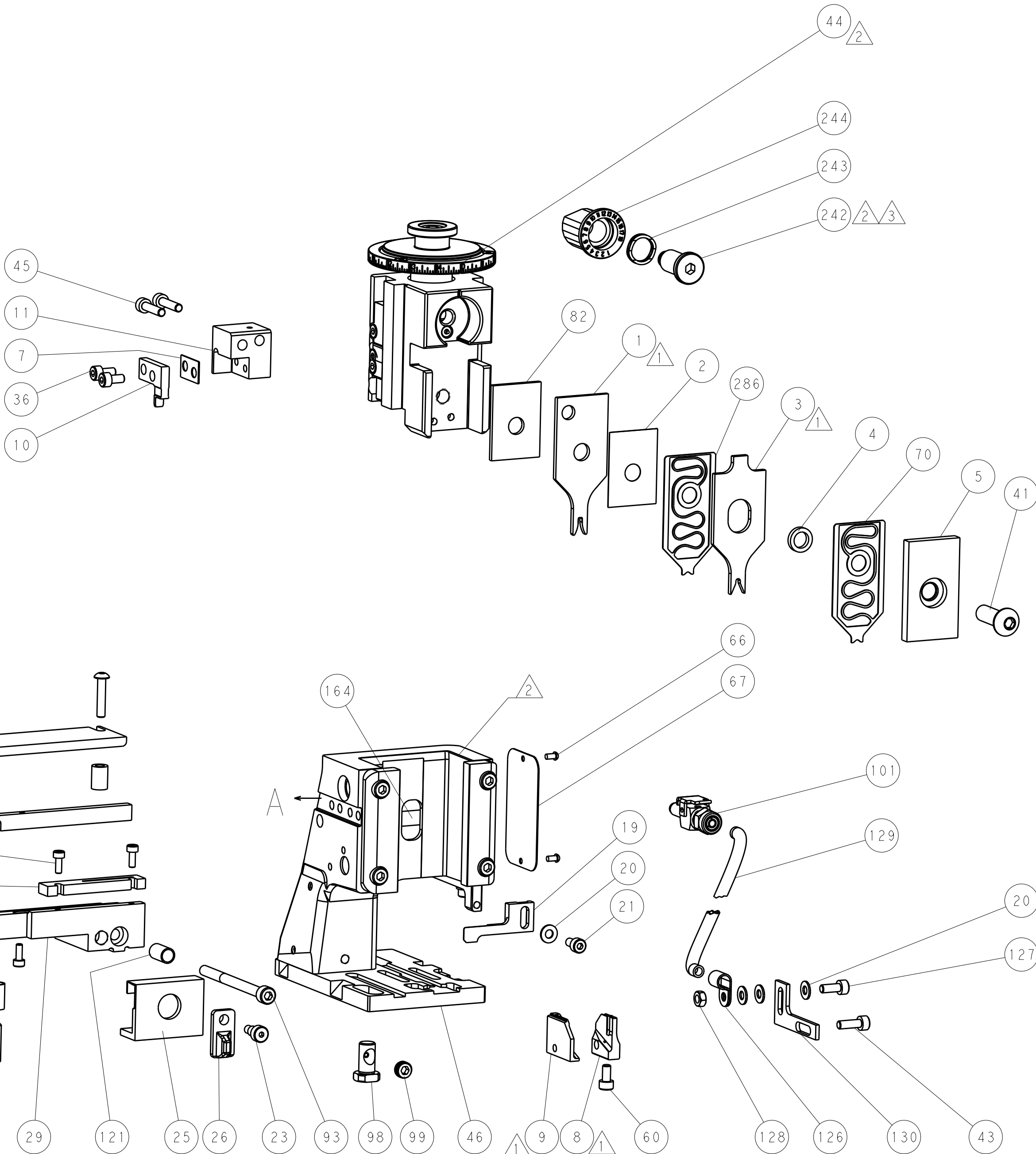
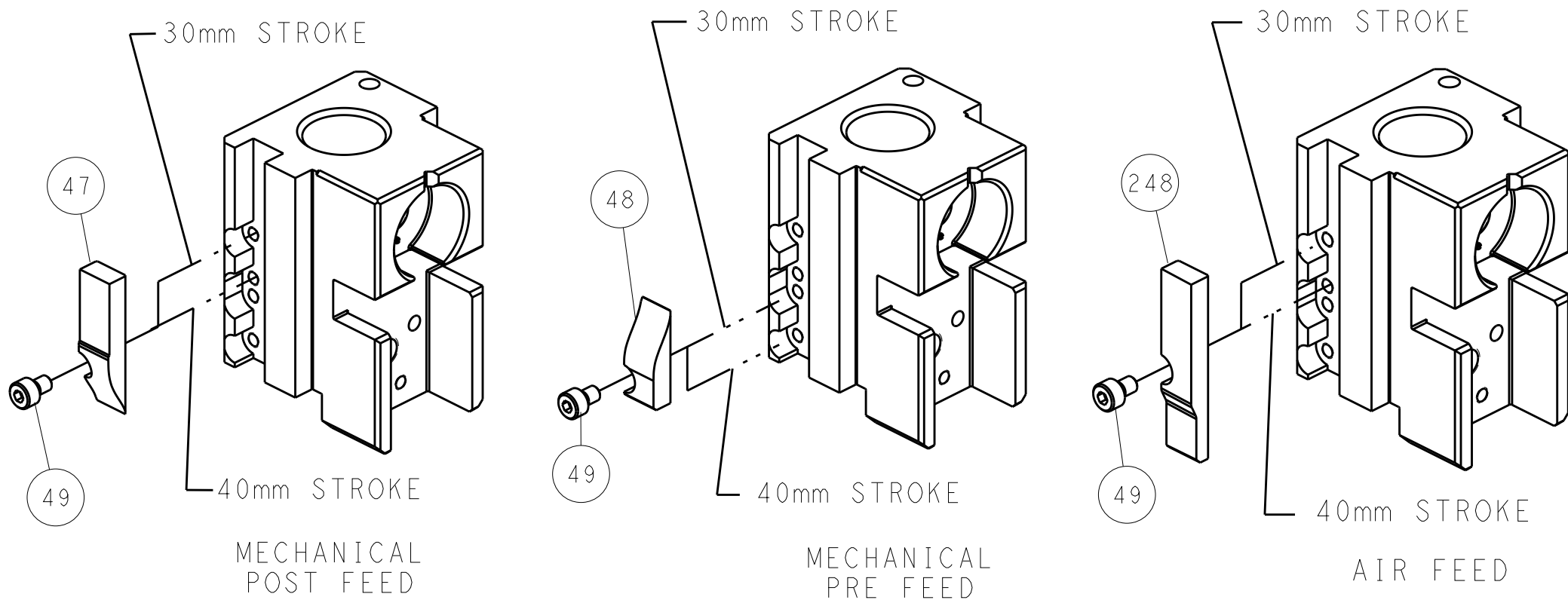


FEED SPRING SETTING POSITION
(SHOWN FROM REAR SIDE)



DETAIL A

CAM POSITIONS



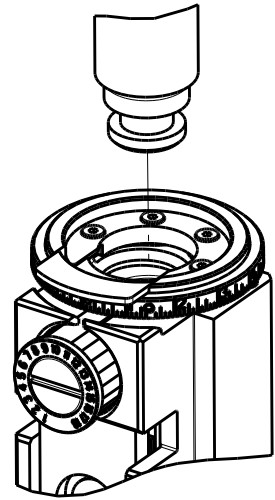
ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. Q. WILSON 30MAY2012		TE Connectivity	
mm		0 PLC ±		CHK K. J. STAKEM 15JUN2012		Harrisburg, PA 17105-3608	
		1 PLC ±		APVD T. ELBIN 18JUN2012		NAME Ocean Side Feed Applicator	
		2 PLC ±		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
		3 PLC ±		APPLICATION SPEC		A1 00779 C=2151433	
		4 PLC ±		WEIGHT		Customer Accessible Production Drawing	
MATERIAL		FINISH		SCALE 1:2		SHEET 2 OF 4	
						REV G	

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151433-1	F	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151433-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151433-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.00 mm [.079]	F
INSUL	2.49 mm [.098]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: MOLEX TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: KK CRIMP TERMINAL, 3.96mm PITCH			
WIRE STRIP LENGTH .108-.123 IN [2.74-3.12 mm]		INSULATION DIAMETER RANGE Ø .110 IN MAX [2.79 mm MAX]	
TERMINAL APPLICATION SPECIFICATION	ATS-639007200	-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
1572397-1	08-50-0105	1-1572397-1	08-53-0811
1572397-2	08-52-0071	1-1572397-2	08-55-0133
1572397-3	08-58-0121	1-1572397-3	08-58-0103
1572397-4	08-56-0105	1-1572397-4	08-58-0114
1572397-5	08-65-0114	1-1572397-5	39-00-0286
1572397-6	08-55-0103	1-1572397-6	39-00-0347
1572397-7	08-50-0015	1-1572397-7	40-01-1118
1572397-8	08-50-0119	1-1572397-8	50-29-1689
1572397-9	08-50-0281	1-1572397-9	50-29-1768
1-1572397-0	08-52-0811		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG OR 0.81mm2	1.12+/-0.05 [.044+/- .002]	5.6
18 AWG OR 0.80mm2	1.12+/-0.025 [.044+/- .001]	5.9
20 AWG OR 0.50mm2	1.06+/-0.025 [.042+/- .001]	6.5
22 AWG OR 0.35mm2	1.00+/-0.025 [.039+/- .001]	6.8
24 AWG OR 0.20mm2	0.94+/-0.03 [.037+/- .001]	7.3

TERMINAL DATA: MOLEX TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: KK CRIMP TERMINAL, 3.96mm PITCH			
WIRE STRIP LENGTH .108-.123 IN [2.74-3.12 mm]		INSULATION DIAMETER RANGE Ø .110 IN MAX [2.79 mm MAX]	
TERMINAL APPLICATION SPECIFICATION	ATS-639007200	-	-
TERMINALS APPLIED			
TE TERMINAL	MOLEX TERMINAL	TE TERMINAL	MOLEX TERMINAL
286984-1	08-58-0110	286984-6	08-50-0024
286984-2	08-58-0187	286984-7	08-58-0105
286984-3	08-50-0187	286984-8	08-58-0118
286984-4	08-52-0112		

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG OR 0.80mm2	1.12+/-0.025 [.044+/- .001]	3.9
20 AWG OR 0.50mm2	1.06+/-0.025 [.042+/- .001]	4.5

*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.

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

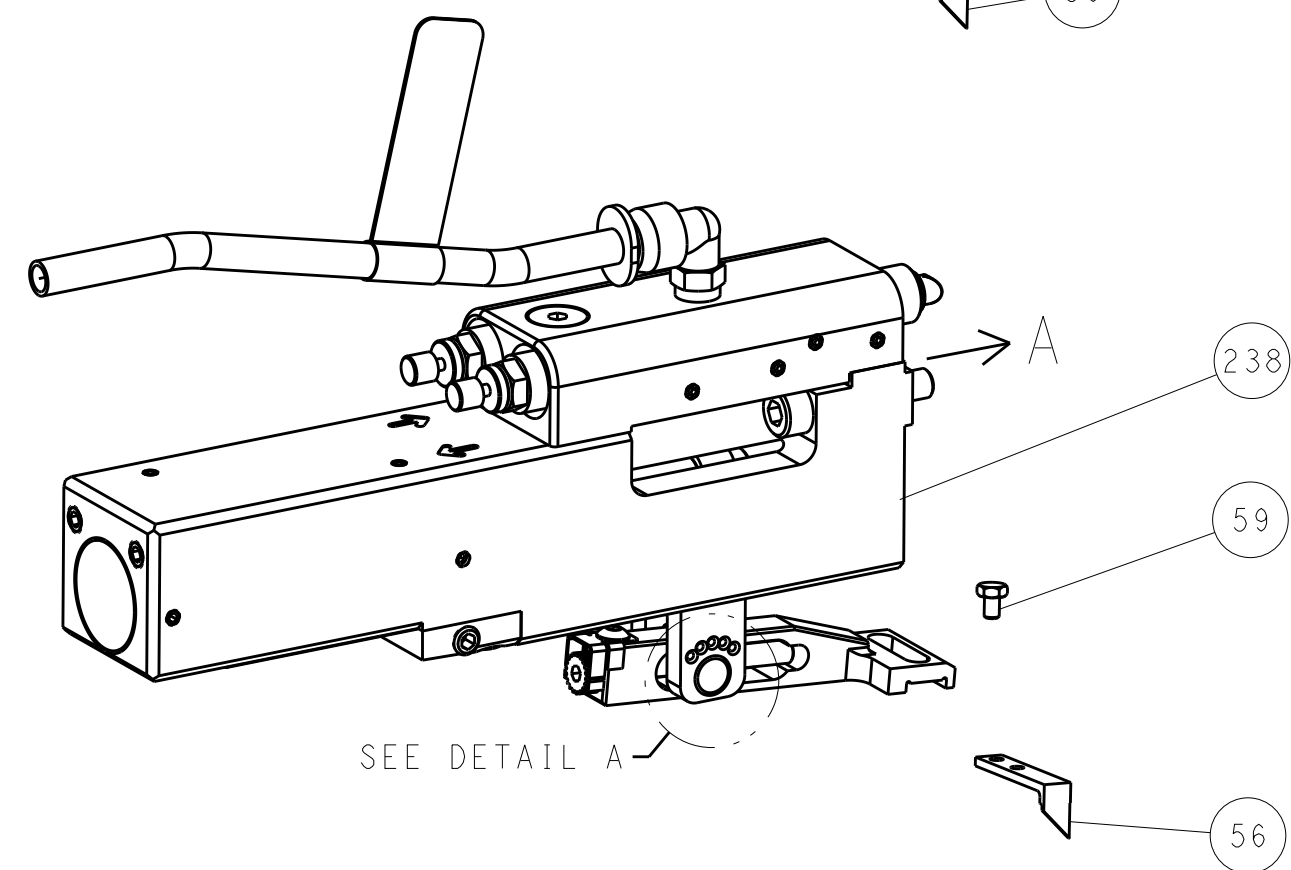
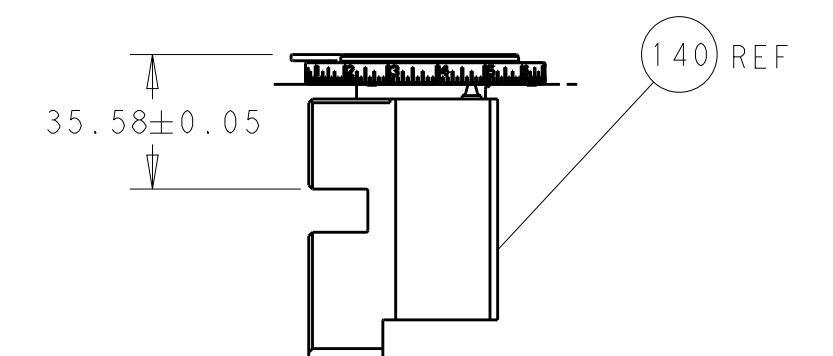
-	1	1	2119791-5	DEPRESSOR, WIRE	286
-	1	1	2119082-9	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-1	AIR FEED MODULE	238
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1803583-2	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
-	1	1	2217068-1	BRACKET, AIR BLAST	130
-	1	1	2030758-3	TUBING, POLYURETHANE	129
-	1	1	5018030-2	NUT, HEX, REG, RoHS, M4	128
-	1	1	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	127
-	1	1	986220-3	CLAMP, CABLE, BLACK	126
-	1	1	1-22281-8	SPRING, COMPRESSION	121
-	1	1	23238-1	INSERT, COUPLING	101
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	1-690487-3	GUIDE, FRONT STRIP	96
-	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
-	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
-	1	1	1-455888-9	SPACER, CRIMPER	82
-	1	1	1803607-3	DOCUMENTATION PACKAGE	71
-	1	1	2119791-6	DEPRESSOR, WIRE	70
-	1	1	2119740-1	TAG, IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	2	2	2-2168083-6	SCR, SKT HD CAP, RoHS, M4 X 18	45
-	1	1	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	43
-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	36
-	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	1-2844962-5	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1-2844938-9	PLATE, STRIP GUIDE	29
-	2	2	22281-7	SPRING, COMPRESSION	27
-	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	4-690754-5	DRAG, SPECIAL	25
-	1	1	1-1320928-0	STRIP GUIDE	24
-	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	4	4	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-4	STRIPPER, SIDE FEED	19
-	1	1	1-2119928-5	FENCE	12
-	1	1	2119830-8	HOLDER, SLUG BLADE	11
-	1	1	1633579-1	BLADE, SLUG	10
-	1	1	1633578-3	PLATE, REAR SHEAR	9
1	1	1	1633576-4	ANVIL, SPECIAL	8
-	1	1	2-240641-1	SPACER	7
-	-	-	-	-	6
-	1	1	1803203-1	BLOCK, FRONT DEPRESSOR	5
-	1	1	238011-4	BLOCK, CRIMPER SPACER	4
1	1	1	5-1633966-3	CRIMPER, INSULATION O	3
-	1	1	455888-1	SPACER, CRIMPER	2
1	1	1	6-1633609-6	CRIMPER, WIRE	1

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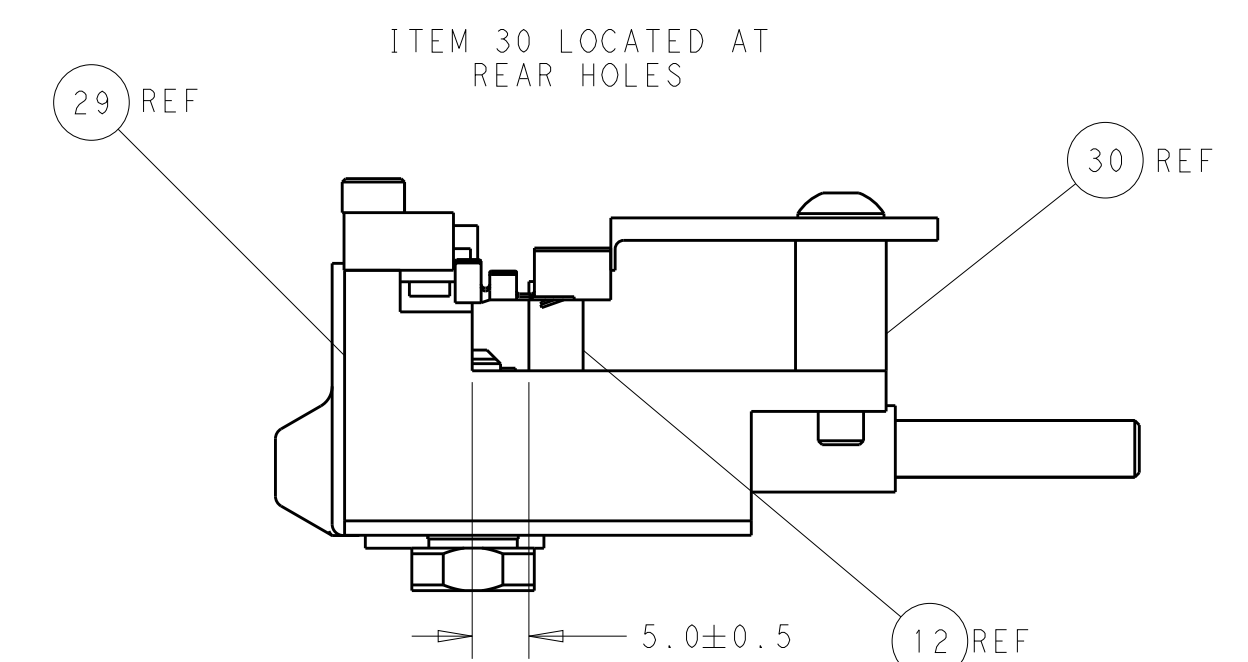
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△

-77	-22	-21	PART NO	DESCRIPTION	ITEM NO
			DRAWING NO		
			DATE		
			BY		
			CHKD		
			APVD		
			NAME		
			SIZE		
			CAGE CODE		
			DRAWING NO		
			RESTRICTED TO		
			WEIGHT		
			SCALE		
			SHEET		
			OF		
			REV		
			G		

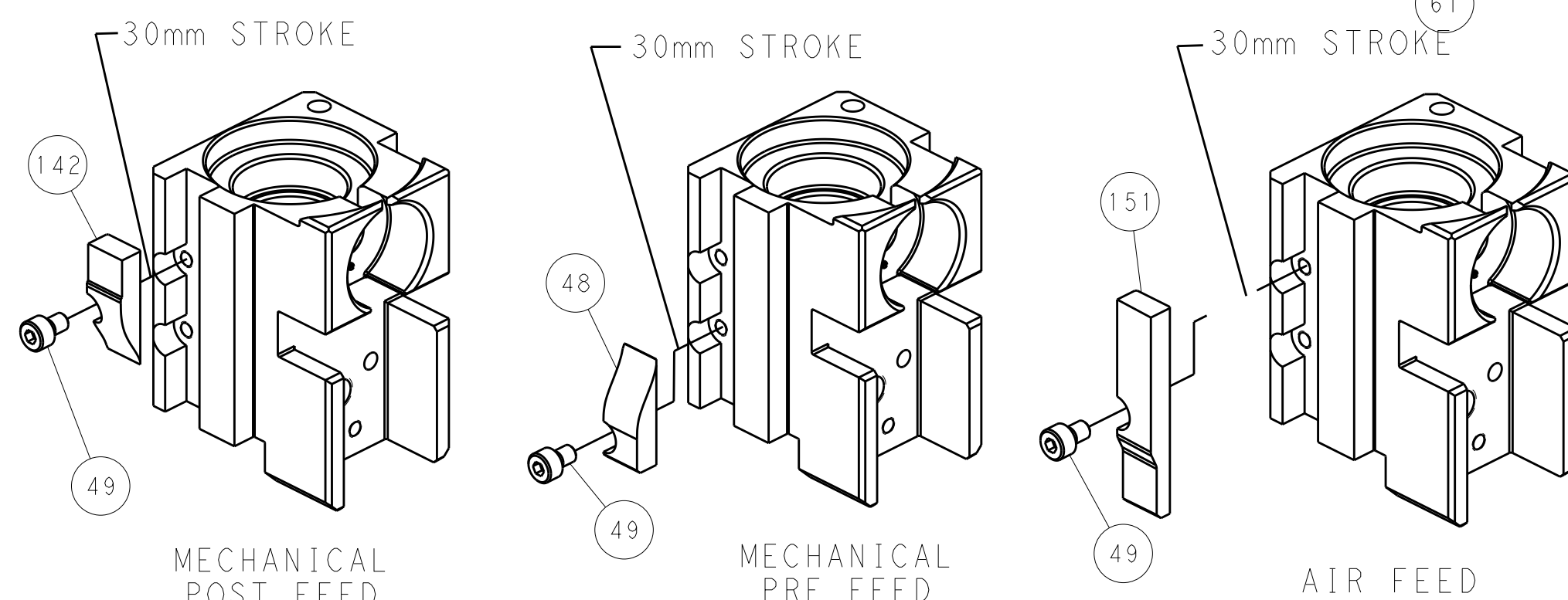
PNEUMATIC

[illegible]

1



CAM POSITIONS



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		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±°		CDR K.J. STAKEM 15 JUN 2012	
		APVD T. ELBIN 18 JUN 2012		NAME Ocean Sea Feed Applicator	
MATERIAL -		FINISH -		PRODUCT SPEC -	
WEIGHT -		APPLICATION SPEC -		SIZE CASE CODE DRAWING NO A1 00779 C-2151433	
RESTRICTED TO -		WEIGHT -		SCALE 1:2	
SHEET 1 OF 4		DRAWING NO C-2151433		REV G	