

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151073-1	M	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151073-2	M	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151073-1	M	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151073-2	M	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151073-7	L	CRIMP TOOLING KIT	-

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	2.79 mm [.110]	O

APPLICATOR INSTRUCTIONS 408-35042

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 3L SIZE DYNAMIC D-3 RECEPTACLE			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.30-5.30 mm [.169-.209 IN]		Ø3.10-3.40 mm [.122-.134 IN]	
TERMINAL APPLICATION SPECIFICATION	(A)114-5148	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 353715-2	(A) 1-353715-3	(A) 353716-3	(A) 1-353716-5
(A) 353715-3	(A) 1-353715-5	(A) 1-353716-2	
(A) 1-353715-2	(A) 353716-2	(A) 1-353716-3	

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: HD3 SERIES CRIMP-IN TYPE CONTACT, 3L			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.30-5.30 mm [.169-.209 IN]		Ø3.10-3.40 mm [.122-.134 IN]	
TERMINAL APPLICATION SPECIFICATION	(B)114-78024	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(B) 2316815-5			

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: DYNAMIC D3000 SERIES FMLB CONTACTS, 3L			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.30-5.30 mm [.169-.209 IN]		Ø3.10-3.40 mm [.122-.134 IN]	
TERMINAL APPLICATION SPECIFICATION	(C)114-78030	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(C) 2298107-5			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
14 AWG OR 2.20mm ²	1.68+/-0.05 [.066+/- .002]	5.2
16 AWG OR 1.25mm ²	1.45+/-0.05 [.057+/- .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.
 - 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.

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	LTN	DESCRIPTION	DATE	OWN	APVD
		J		ECR-18-006474	27APR2018	MEH	JDG
		K		ECR-18-008862	08JUN2018	FZ	SJ
		L		ECR-21-006752	07JUL2021	FZ	RK
		M		ECR-22-148148	02AUG2022	FZ	JAH

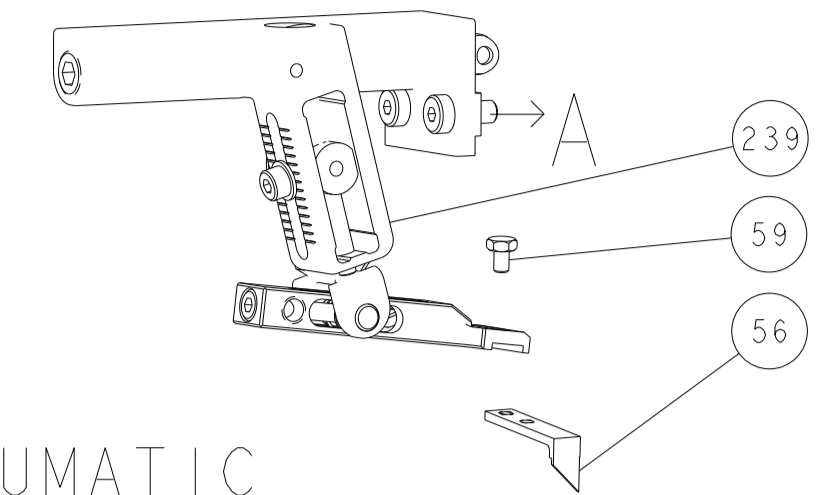
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-	1	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244	
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243	
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242	
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241	
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239	
-	1	-	1	-	2844940-1	AIR FEED MODULE	238	
-	2	2	2	2	4-1655316-4	SCR, SKT HD CAP, M3 X 8.0	197	
-	2	2	2	2	18026-1	WASHER, SPRG LOCK, REG M3	196	
-	1	1	1	1	690438-1	FRONT STRIP GUIDE	195	
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164	
-	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	1803607-3	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	
-	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	
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54	
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53	
-	1	1	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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	1-1752356-9	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	2844992-3	ASSEMBLY, STRIP GUIDE	29	
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	28	
-	2	2	2	2	22283-1	SPRING, COMPRESSION	27	
-	1	1	1	1	356835-1	LEVER, DRAG RELEASE	26	
-	1	1	1	1	240792-3	DRAG, TERMINAL	25	
-	1	1	1	1	1320928-6	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	
-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	20	
-	1	1	1	1	2119533-3	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	1803095-3	FLOATING SHEAR, FRONT	9	
-	1	2	2	1	1	3-1333206-9	ANVIL, COMBINATION .100	8
-	1	1	1	1	1	1-2119757-2	DEPRESSOR, SHEAR	5
-	1	1	1	1	1	238011-9	BLOCK, CRIMPER SPACER	4
-	1	2	2	1	1	6-1803453-1	CRIMPER, INSULATION O	3
-	1	2	2	1	1	456407-3	CRIMPER, WIRE PREMIUM	1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±
	ANGLES	FINISH			

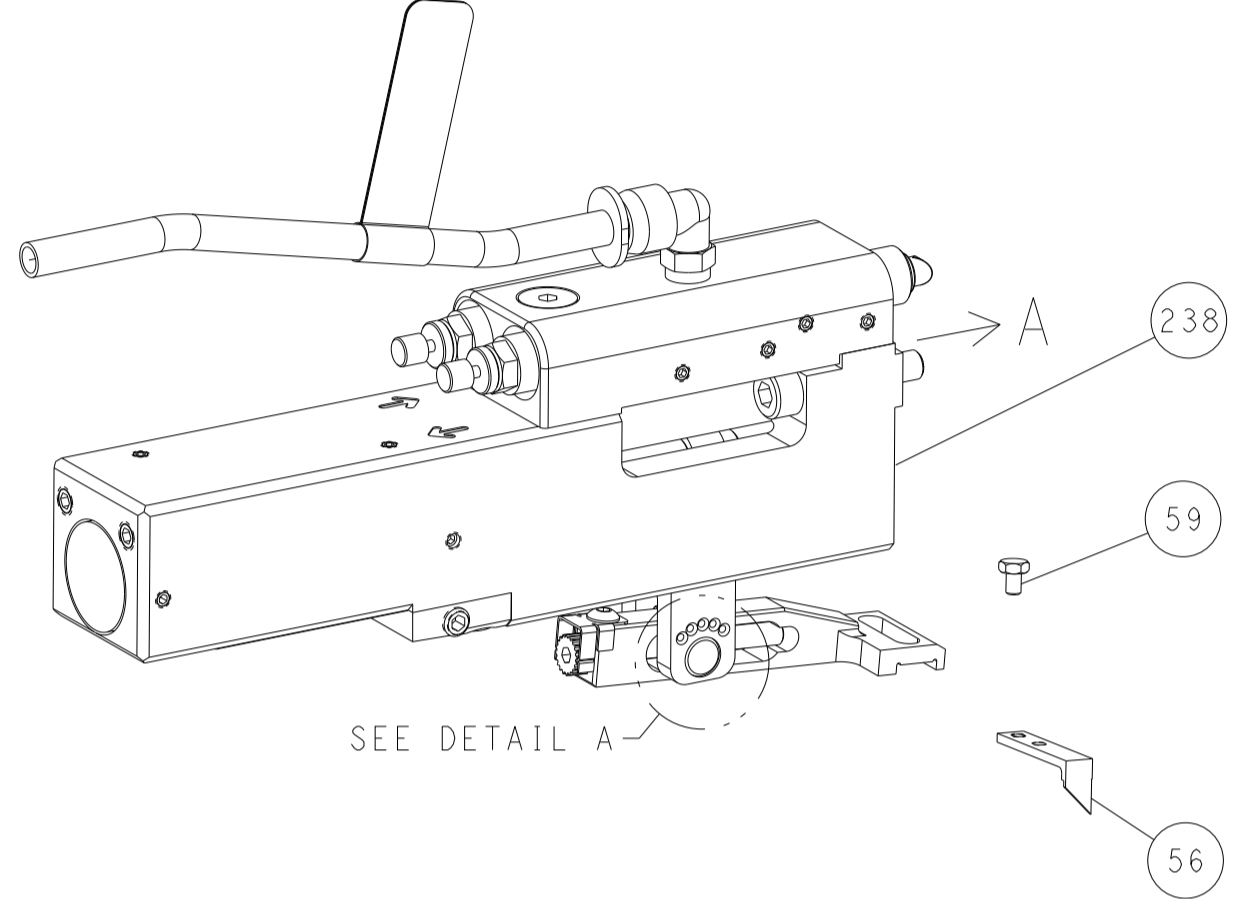
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CHK	G. BAILEY	25AUG2011	
APVD	S. XI	25AUG2011	NAME
PRODUCT SPEC			Ocean Side Feed Applicator
APPLICATION SPEC			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	2151073	
Customer Accessible Production Drawing			SCALE 1:2 SHEET 1 OF 4 REV M

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

FEED TYPE MECHANICAL



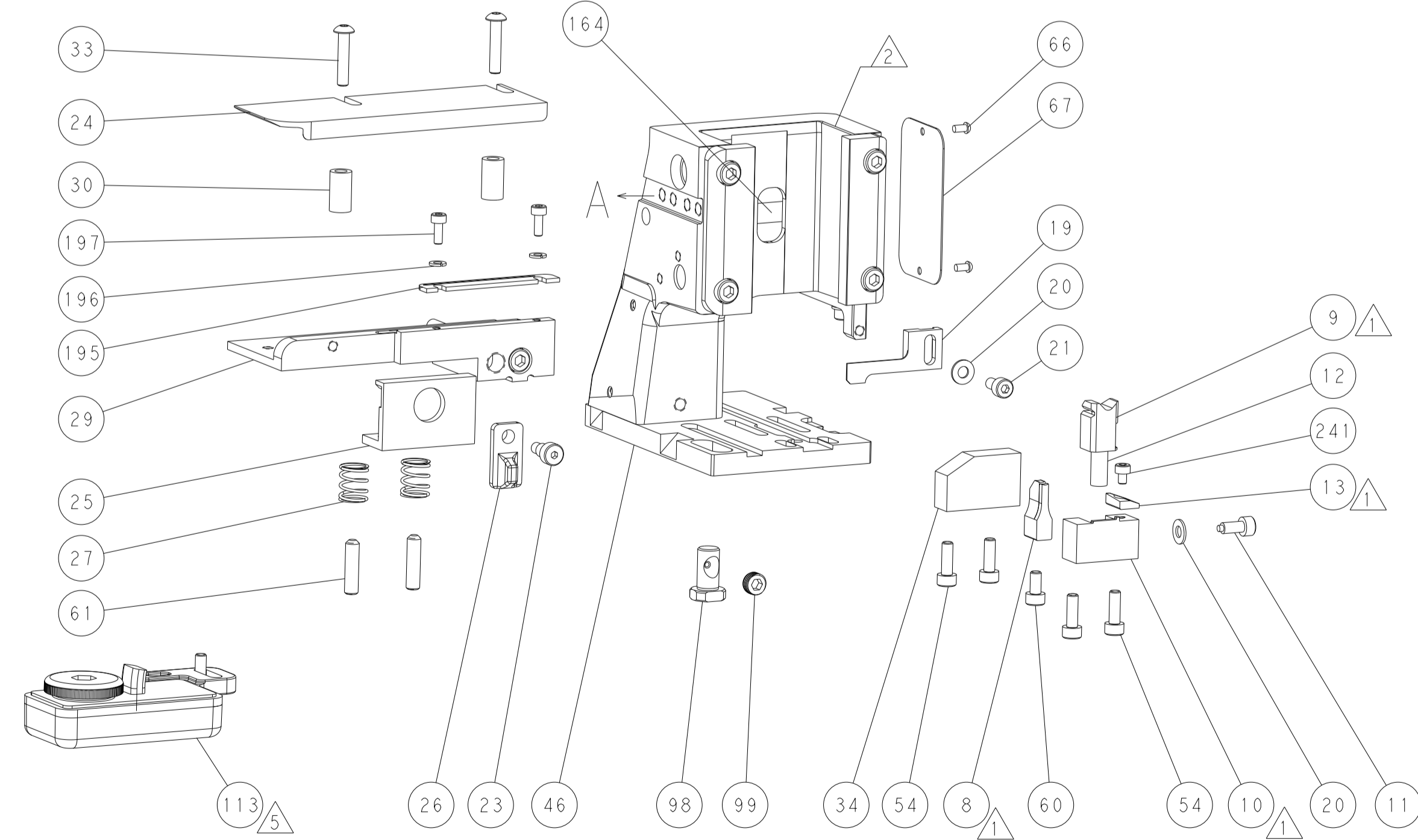
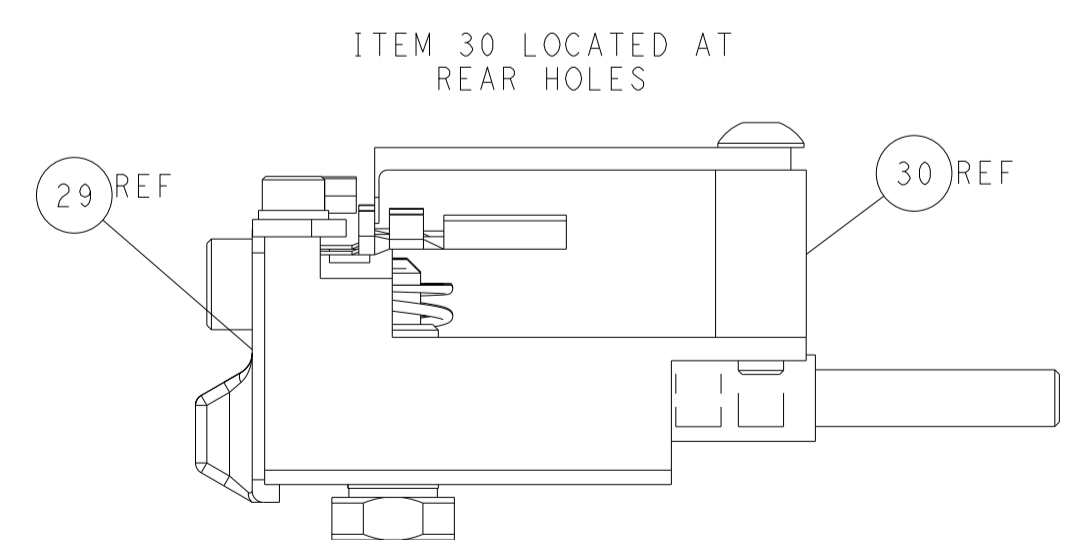
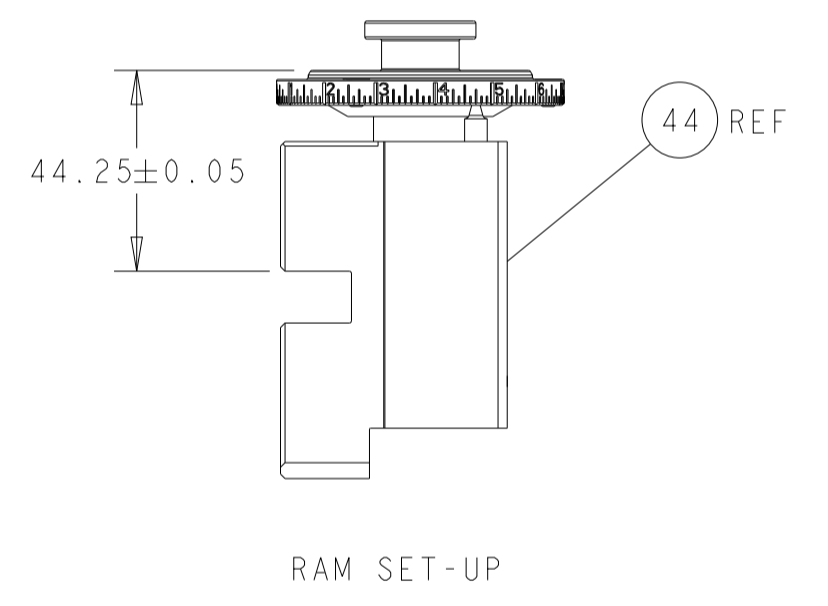
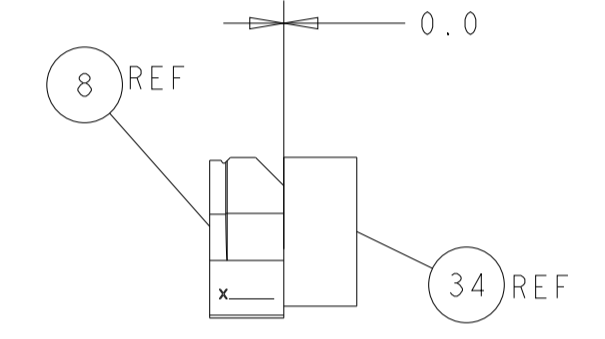
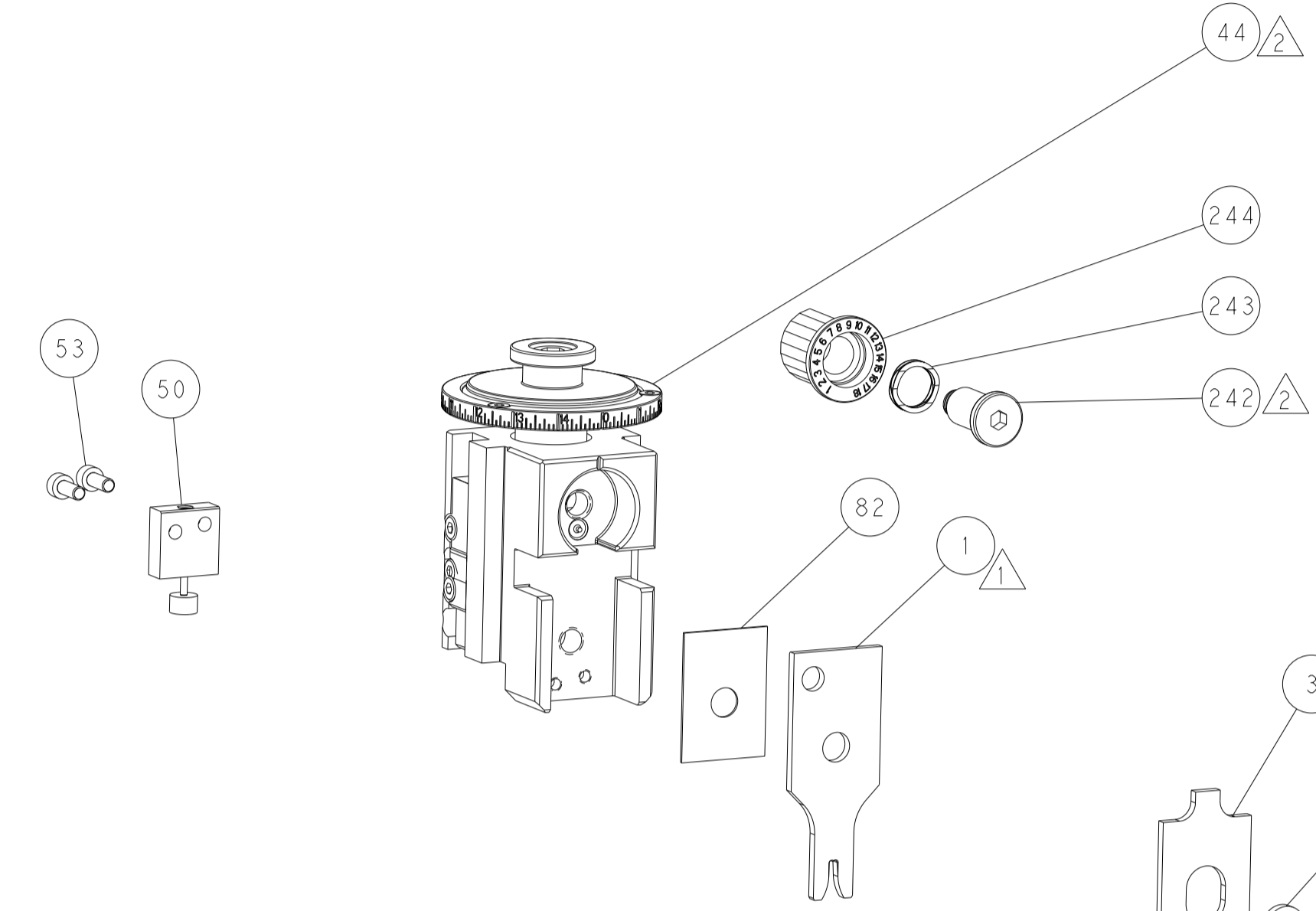
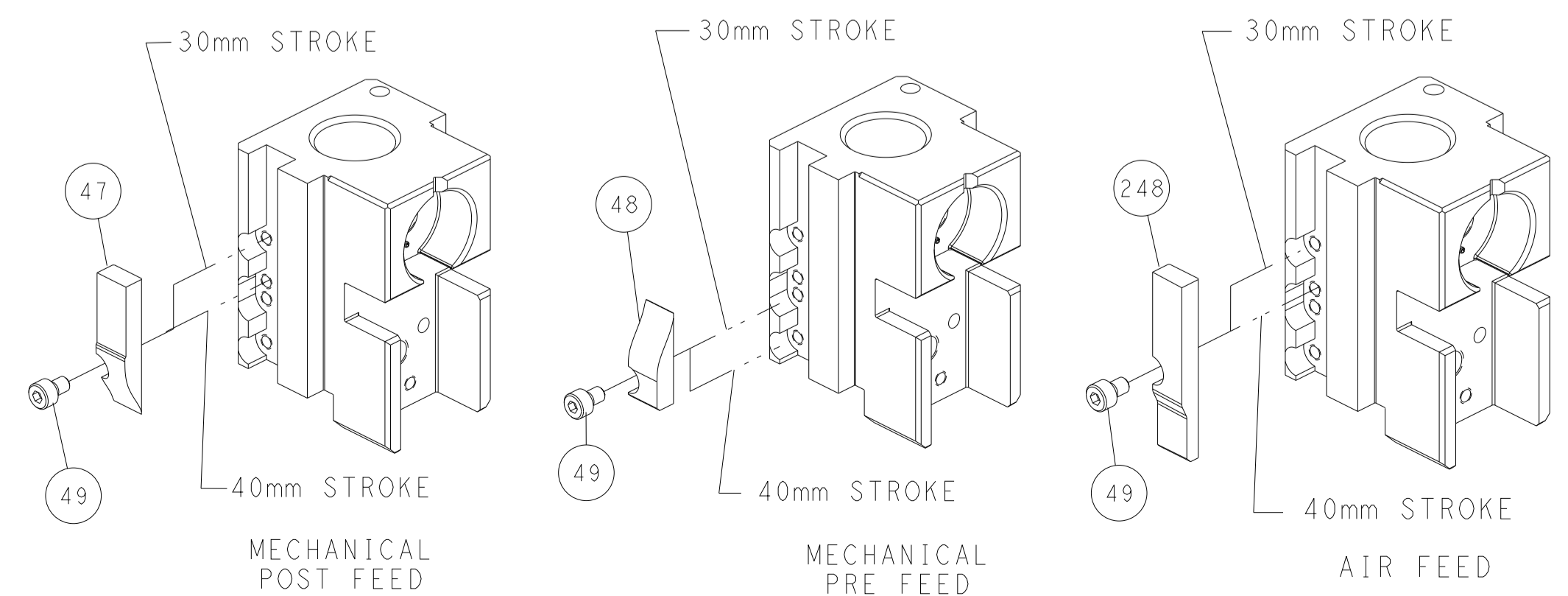
PNEUMATIC



FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



CAM POSITIONS



FEED TRACK POSITION GUIDE BY INSULATION BARREL

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

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: Y. YIN 25AUG2011 CHK: G. BAILEY 25AUG2011 APVD: S. XI 25AUG2011	NAME: Ocean Side Feed Applicator SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2151073	TE Connectivity Harrisburg, PA 17105-3608
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH	WEIGHT: - SCALE: 1:2 SHEET: 2 of 4 REV: M	RESTRICTED TO: -	Customer Accessible Production Drawing

PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151073-1	M	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151073-2	M	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151073-7	L	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	2.54 mm [.100]	F
INSUL	2.79 mm [.110]	O
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: 3L SIZE DYNAMIC D-3 RECEPTACLE			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.30-5.30 mm [1.69-.209 IN]		Ø3.10-3.40 mm [1.22-.134 IN]	
TERMINAL APPLICATION SPECIFICATION	(A)114-5148	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(A) 353715-2	(A) 1-353715-3	(A) 353716-3	(A) 1-353716-5
(A) 353715-3	(A) 1-353715-5	(A) 1-353716-2	
(A) 1-353715-2	(A) 353716-2	(A) 1-353716-3	

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: HD3 SERIES CRIMP-IN TYPE CONTACT, 3L			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.30-5.30 mm [1.69-.209 IN]		Ø3.10-3.40 mm [1.22-.134 IN]	
TERMINAL APPLICATION SPECIFICATION	(B)114-78024	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(B) 2316815-5			

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: DYNAMIC D3000 SERIES FMLB CONTACTS, 3L			
WIRE STRIP LENGTH		INSULATION DIAMETER RANGE	
4.30-5.30 mm [1.69-.209 IN]		Ø3.10-3.40 mm [1.22-.134 IN]	
TERMINAL APPLICATION SPECIFICATION	(C)114-78030	-	-
TERMINALS APPLIED			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
(C) 2298107-5			

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
14 AWG OR 2.20mm ²	1.68+/-0.05 [1.066+/-0.02]	5.2
16 AWG OR 1.25mm ²	1.45+/-0.05 [1.057+/-0.02]	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.
 - 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)

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

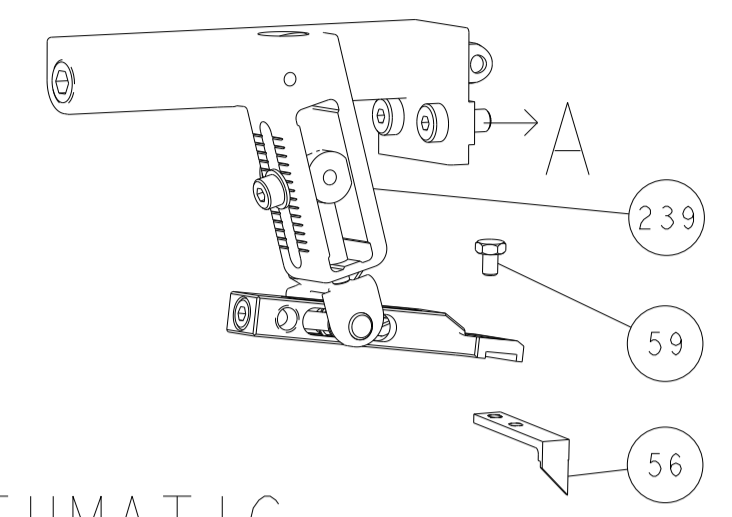
-	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-1	AIR FEED MODULE	238
-	2	2	4-1655316-4	SCR, SKT HD CAP, M3 X 8.0	197
-	2	2	18026-1	WASHER, SPRG LOCK, REG M3	196
-	1	1	690438-1	FRONT STRIP GUIDE	195
-	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
-	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	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	1803607-3	DOCUMENTATION PACKAGE	71
-	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	1	1338685-1	PAWL, FEED	56
-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	53
-	1	1	1803382-6	HOLD DOWN, SPRING LOADED	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	1-1752356-9	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	2844992-3	ASSEMBLY, STRIP GUIDE	29
-	1	1	2119791-5	DEPRESSOR, WIRE	28
-	2	2	22283-1	SPRING, COMPRESSION	27
-	1	1	356835-1	LEVER, DRAG RELEASE	26
-	1	1	240792-3	DRAG, TERMINAL	25
-	1	1	1320928-6	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
-	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-3	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	1803095-3	FLOATING SHEAR, FRONT	9
-	1	1	3-1333206-9	ANVIL, COMBINATION .100	8
-	1	1	1-2119757-2	DEPRESSOR, SHEAR	5
-	1	1	238011-9	BLOCK, CRIMPER SPACER	4
-	1	1	6-1803453-1	CRIMPER, INSULATION O	3
-	1	1	456407-3	CRIMPER, WIRE PREMIUM	1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	ANGLES ±	FINISH
MATERIAL		FINISH		WEIGHT		SCALE	
-		-		-		1:2	

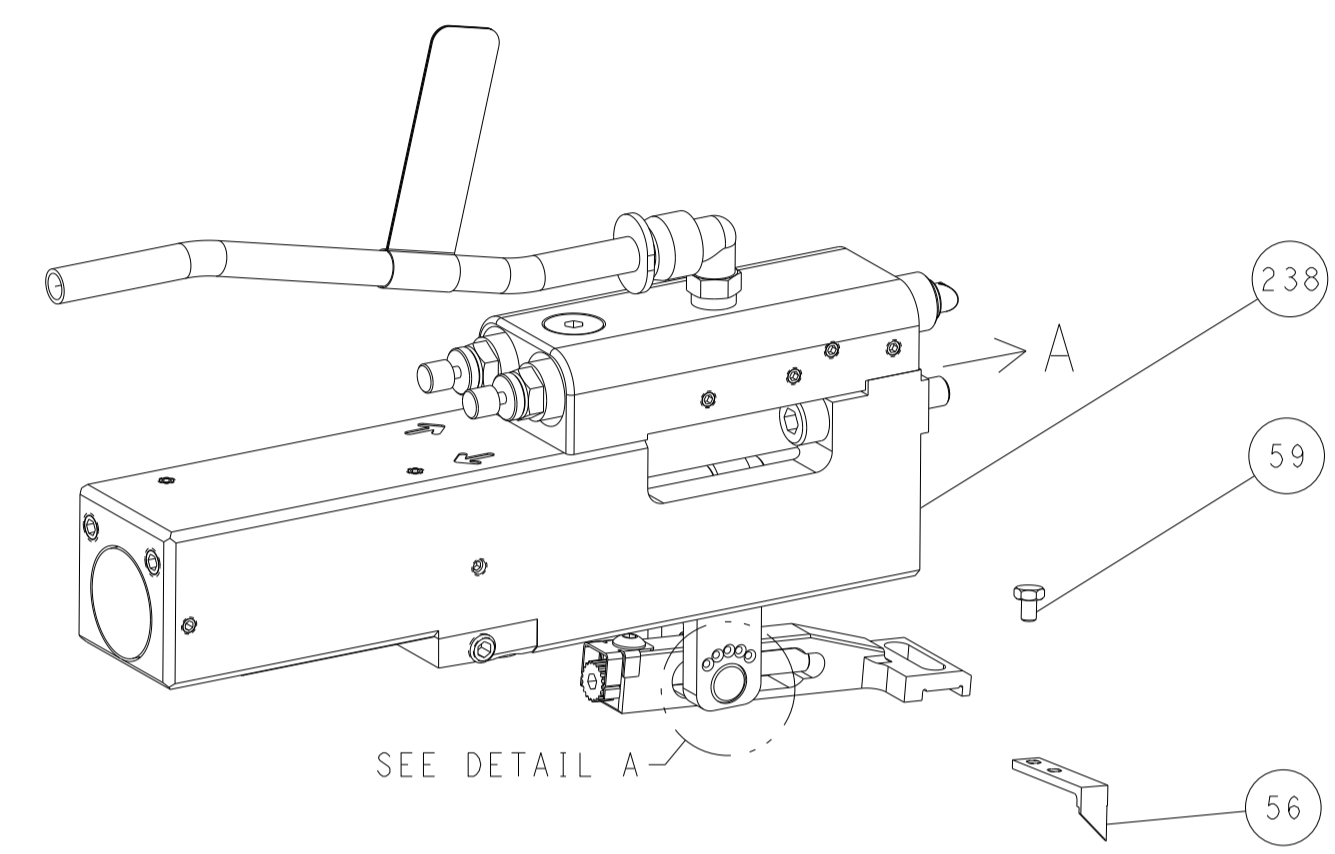
CHK	DATE	NAME	DESCRIPTION	ITEM NO
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G. BAILEY	25AUG2011		Ocean Side Feed Applicator	
S. XI	25AUG2011			
APVD				
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
A1	00779	2151073		
Customer Accessible Production Drawing				SCALE 1:2 SHEET 3 OF 4 REV M

LOC	DIST	REVISIONS					
A	66	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			

FEED TYPE MECHANICAL



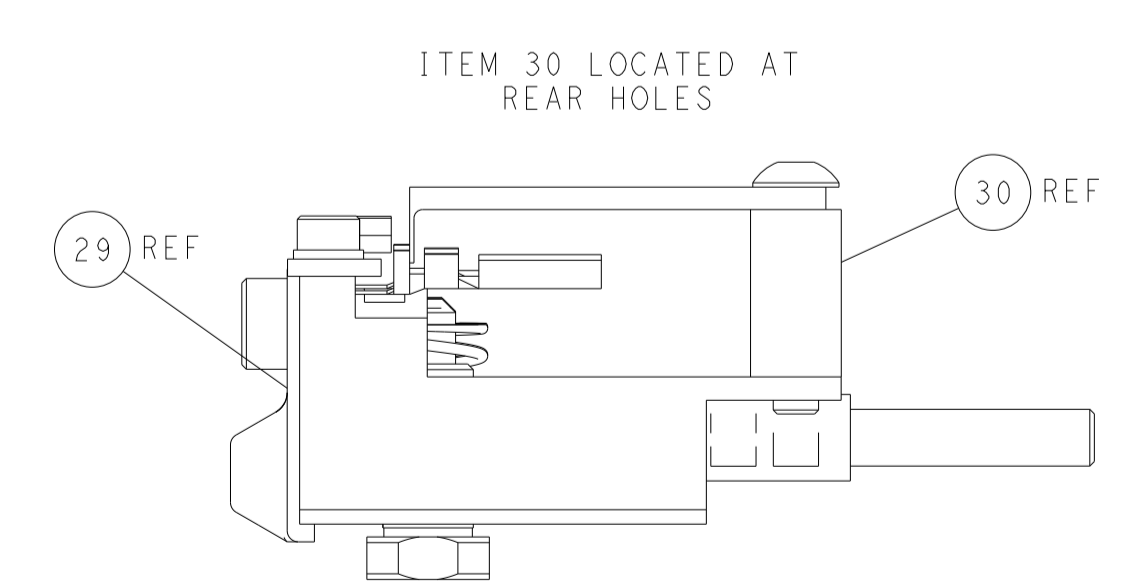
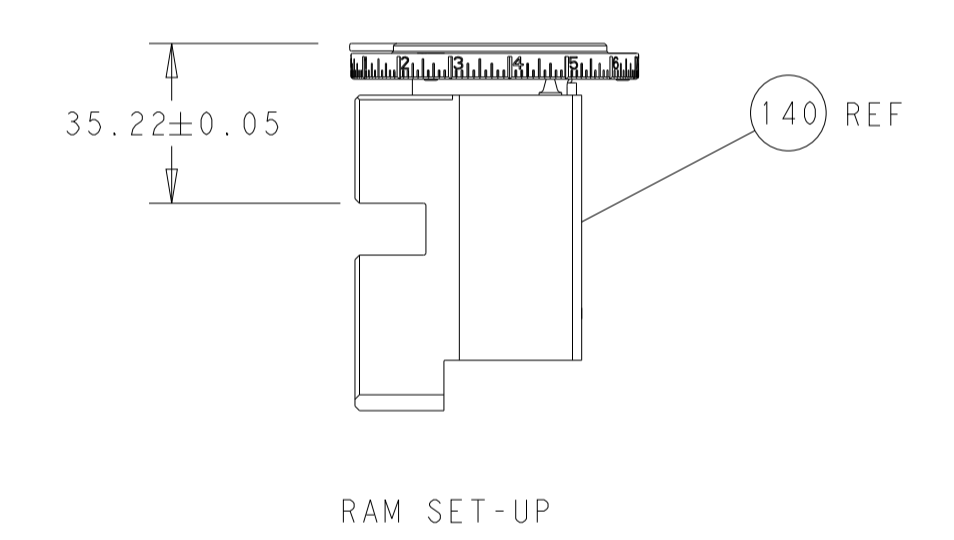
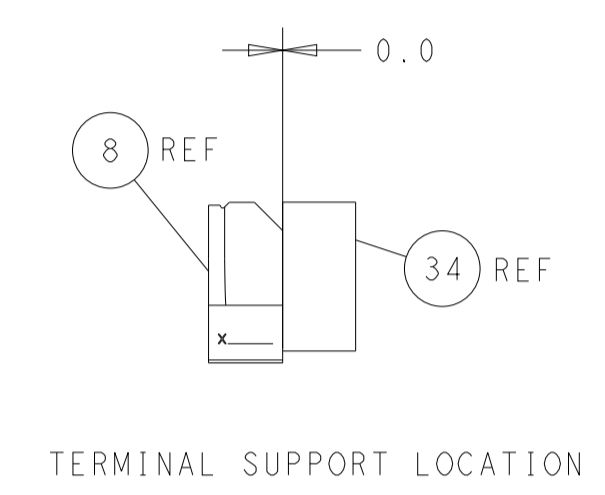
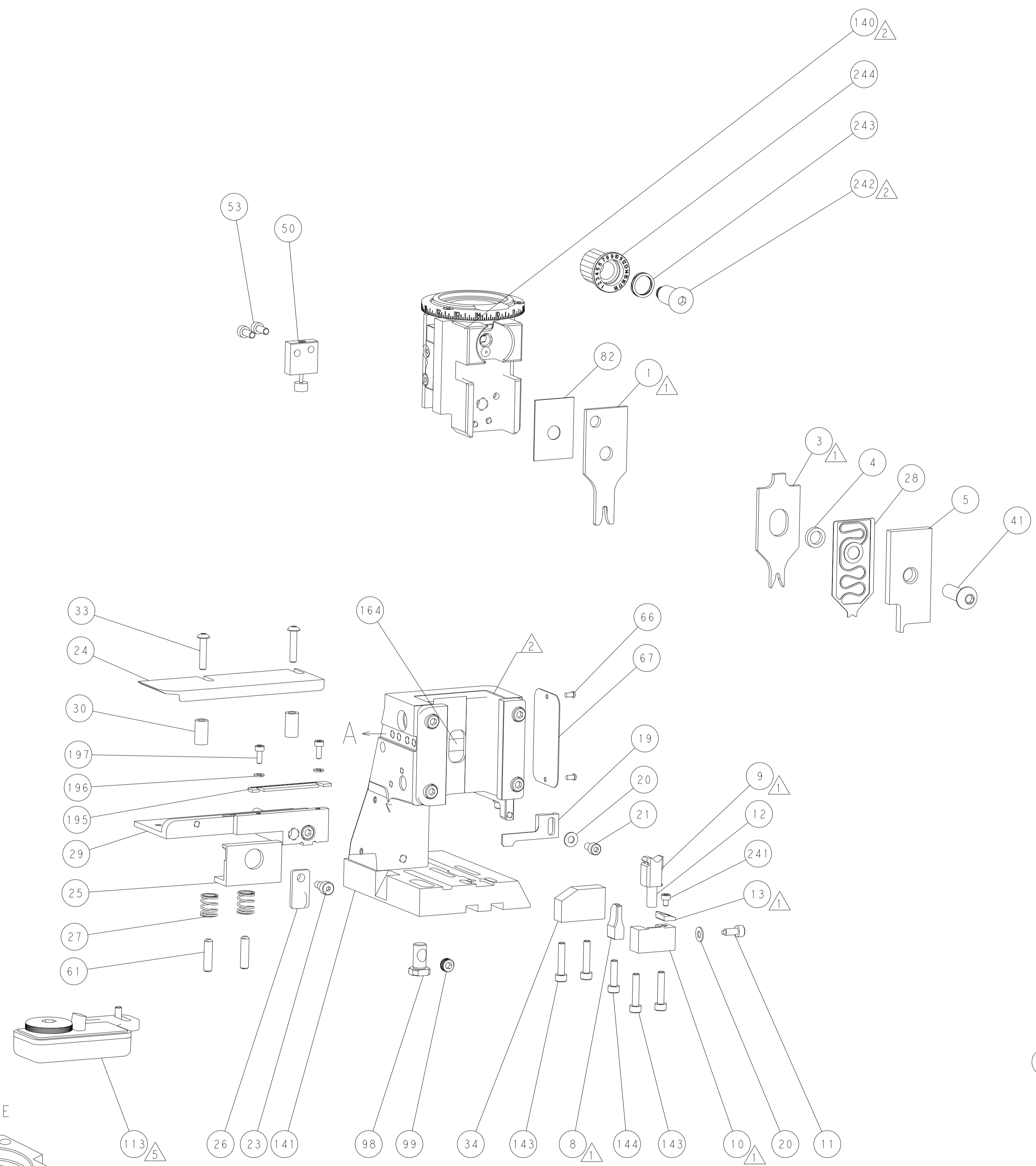
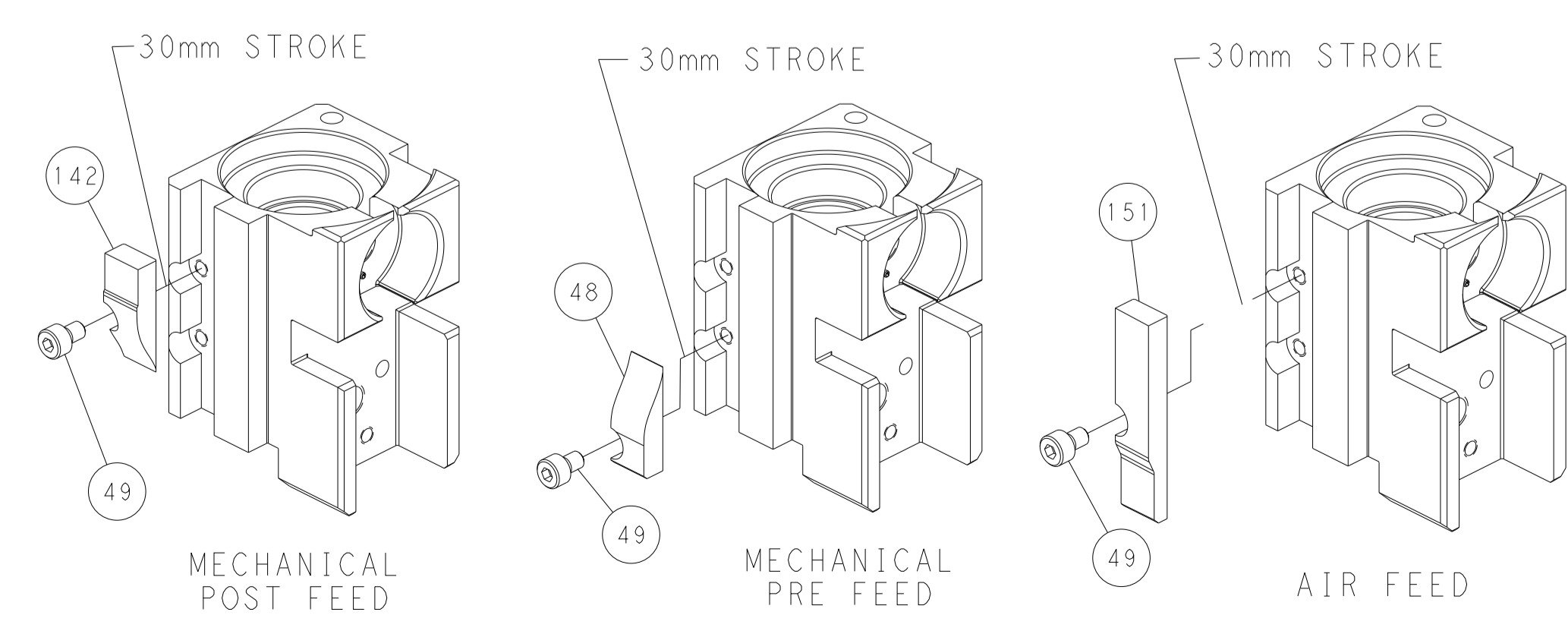
PNEUMATIC



FEED SPRING SETTING POSITION (SHOWN FROM REAR SIDE)



CAM POSITIONS



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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG Y. YIN 25AUG2011		TE Connectivity	
mm	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ±	4 PLC ±	5 PLC ±	Harrisburg, PA 17105-3608
MATERIAL:	FINISH:	WEIGHT:	SCALE:	APVD S. XI 25AUG2011	NAME	RESTRICTED TO	
			1:2	Customer Accessible Production Drawing	Ocean Side Feed Applicator		
				A1 00779	©=2151073		