

8		7	
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20		20	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2150686-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2150686-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150686-1	C	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2150686-2	C	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2150686-7	A	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.06 mm [.160]	F
APPL INSTRUCTIONS 408-35043		

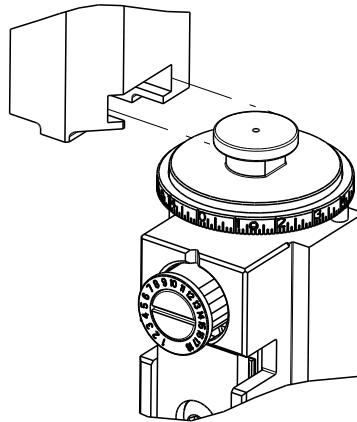
TERMINAL DATA: NICHIFU TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: BULLET & RECEPTACLE			
WIRE STRIP LENGTH 4.14-4.90 mm [.163-.193 IN]		INSULATION DIAMETER RANGE Ø2.67-3.56 mm [.105-.140 IN]	
TERMINAL APPLICATION SPECIFICATION	NONE	-	-
TERMINALS APPLIED 6			
TE TERMINAL 2303611-1	NICHIFU TERMINAL CSS 43925-M	TE TERMINAL	NICHIFU TERMINAL

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING 4
14 AWG OR 2.00mm2		1.90+/-0.05 [.075+/-0.002]		6.5
16 AWG OR 1.50mm2		1.76+/-0.05 [.069+/-0.002]		8.0
18 AWG OR 1.00mm2		1.62+/-0.05 [.064+/-0.002]		9.4
20 AWG OR 0.50mm2		1.49+/-0.05 [.059+/-0.002]		10.7



- 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 ITEMS 180. 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. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 6 TERMINAL LUBRICANT IS RECOMMENDED.
- 7 WIRE STRANDS MAY BE VISIBLE IN WIRE BARREL SEAM IF EXCEEDING 3825 CMA.

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)

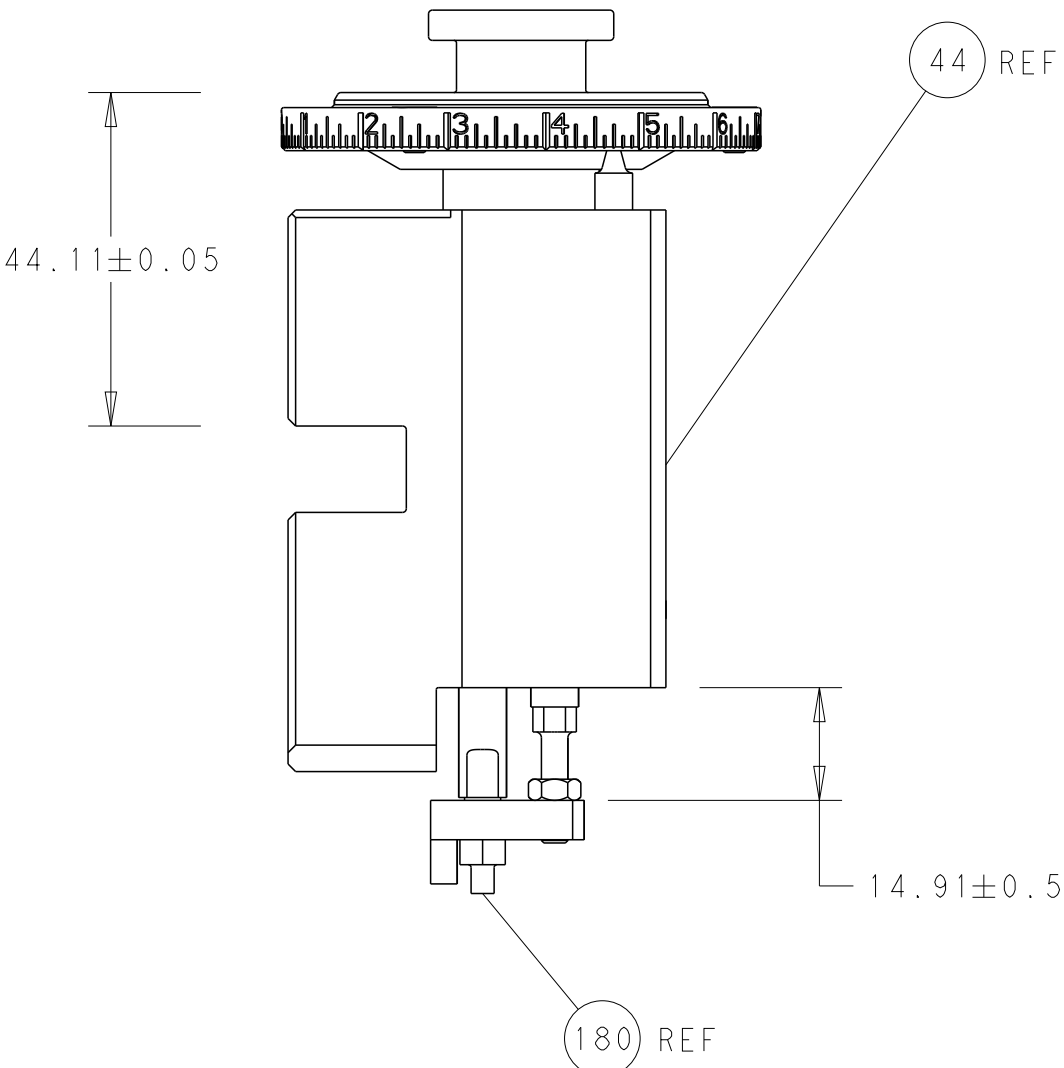
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LOC	DIST	REVISIONS					
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		B		ECR-17-008263	08JUNE2017	TB	TE
		C		ECR-21-110687	18AUG2021	JAH	TE

-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-2	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2844940-3	AIR FEED MODULE	238
-	1	1	1	1	1-18028-0	WASHER, FLAT, REG M8	192
3	-	1	1	1	1-1976055-3	STANDOFF, HOLD-DOWN	180
-	1	1	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	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
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
6	-	1	1	1	2119955-2	ASSY, LUBRICATOR, END FEED	84
-	1	1	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	1	1	2119791-5	DEPRESSOR, WIRE	73
-	1	1	1	1	1803607-4	DOCUMENTATION PACKAGE	71
-	2	2	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
-	1	1	1	1	2119943-1	WASHER, SPACER	69
-	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	1901681-5	HOLDDOWN, TERMINAL	65
-	2	2	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	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	2063961-4	FEED FINGER	58
-	3	3	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	56
-	2	2	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	-	1	-	2063961-4	FEED FINGER	51
-	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	2119655-5	APPLICATOR BASIC ASSEMBLY, EF	46
-	1	1	1	1	1803517-1	RAM ASSEMBLY, EF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	7	7	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1	1	1	1-1752371-2	PLATE, STRIP GUIDE	24
-	1	1	1	1	240825-1	PLATE, STRIP HOLD DOWN	23
-	2	2	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1	1	1803292-1	DRAG	20
-	2	2	2	2	1901259-5	GUIDE, LOWER STRIP	18
-	4	4	4	4	1-2079383-1	SCR, BHSC, RoHS (M6 X 12)	17
-	1	1	1	1	1752360-1	SPACER,HOLD-DOWN	13
1	-	1	1	1	240644-5	PLATE, REAR SHEAR	11
-	2	2	2	2	240645-7	SPACER, SHEAR PLATE	10
1	-	1	1	1	690796-8	PLATE-FRONT SHEAR MINI APPLICATOR	9
1	1	2	2	1	1-1803257-8	ANVIL, COMBINATION, END FEED	8
1	-	1	1	1	9-240651-4	BLADE, SLUG	7
-	-	-	-	-	-	-	6
-	1	1	1	1	7-240641-1	SPACER	5
-	1	1	1	1	238011-2	BLOCK, CRIMPER SPACER	4
1	1	2	2	1	5-1633961-4	CRIMPER, INSULATION F PREMIUM	3
-	1	1	1	1	455888-1	SPACER, CRIMPER	2
1	1	2	2	1	2-456409-6	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77-72-71	-2	-1		PART NO	DESCRIPTION	ITEM NO

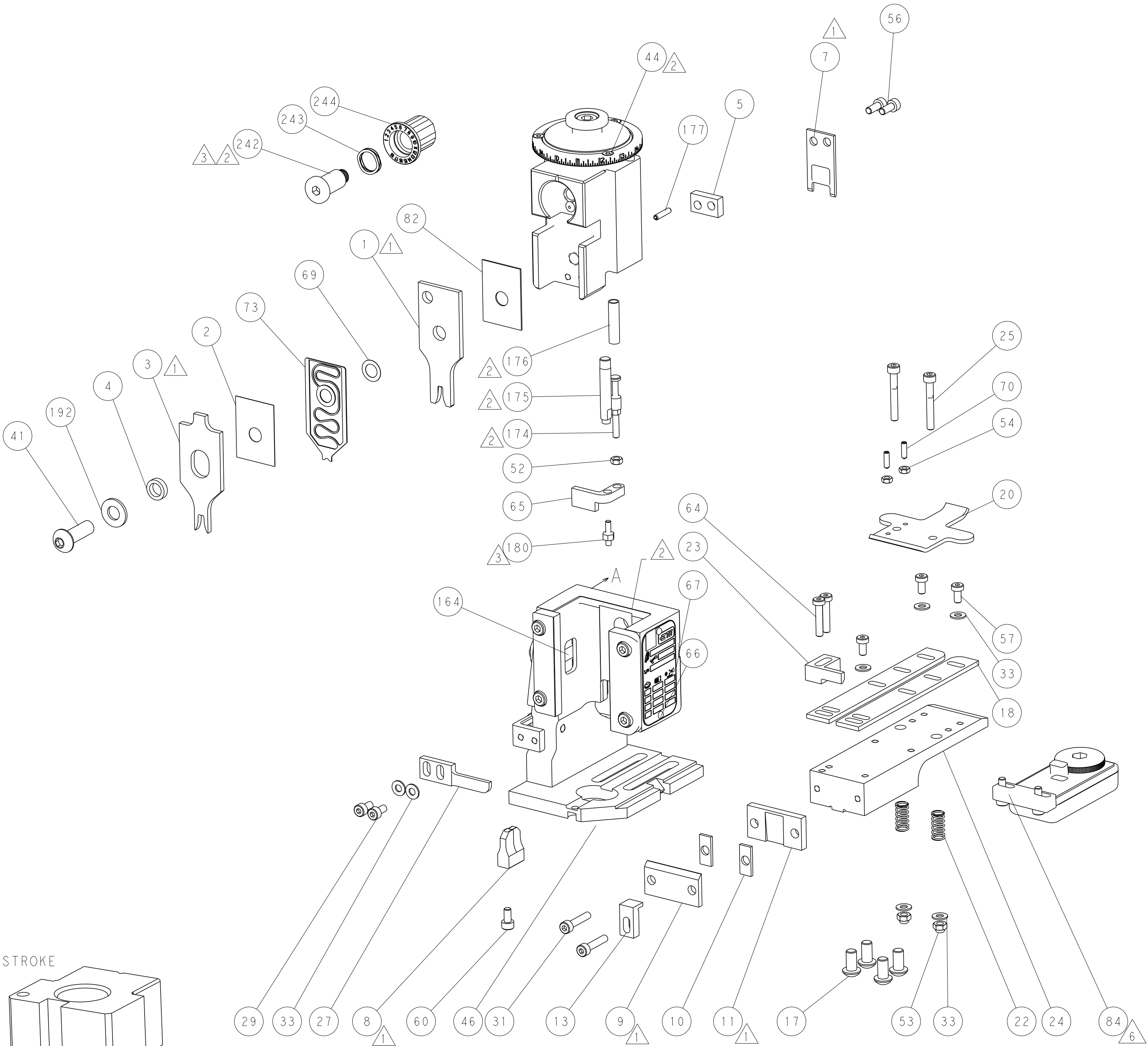
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				CHK	L. ZHANG	23JUN2016					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	L. ZHANG	ZOMAR2014	NAME		Ocean End Feed Applicator -		
mm				PRODUCT SPEC							
		0 PLC ±.01									
		1 PLC ±.01									
		2 PLC ±.01									
		3 PLC ±.01									
		4 PLC ±.01									
		ANGLES									
		FINISH									
MATERIAL				WEIGHT		A1 00779 ©=2150686					

SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

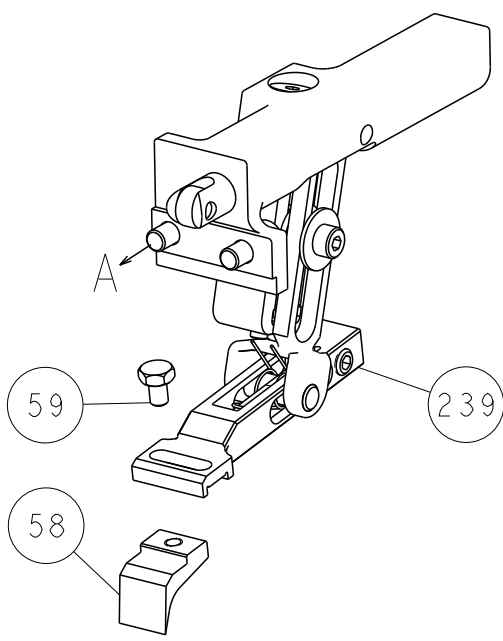
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		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66		-	SEE SHEET 1	-	-	-



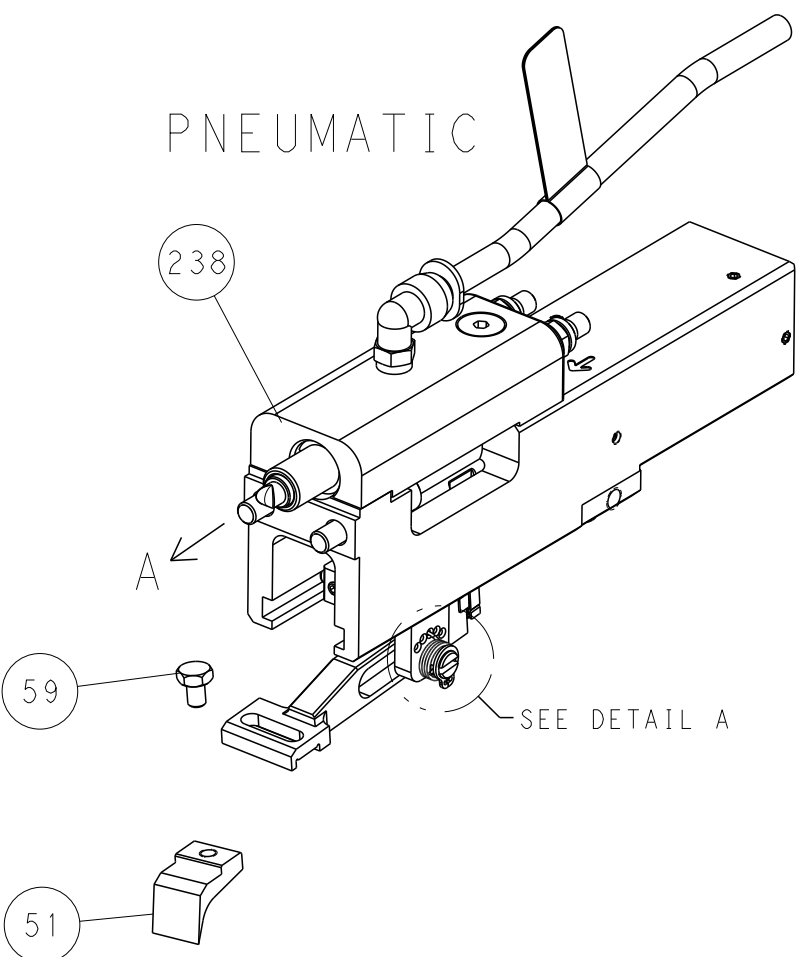
RAM AND HOLDDOWN SET-UP



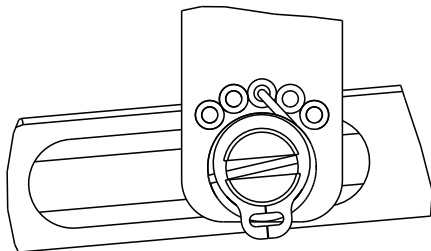
FEED TYPE
MECHANICAL



PNEUMATIC

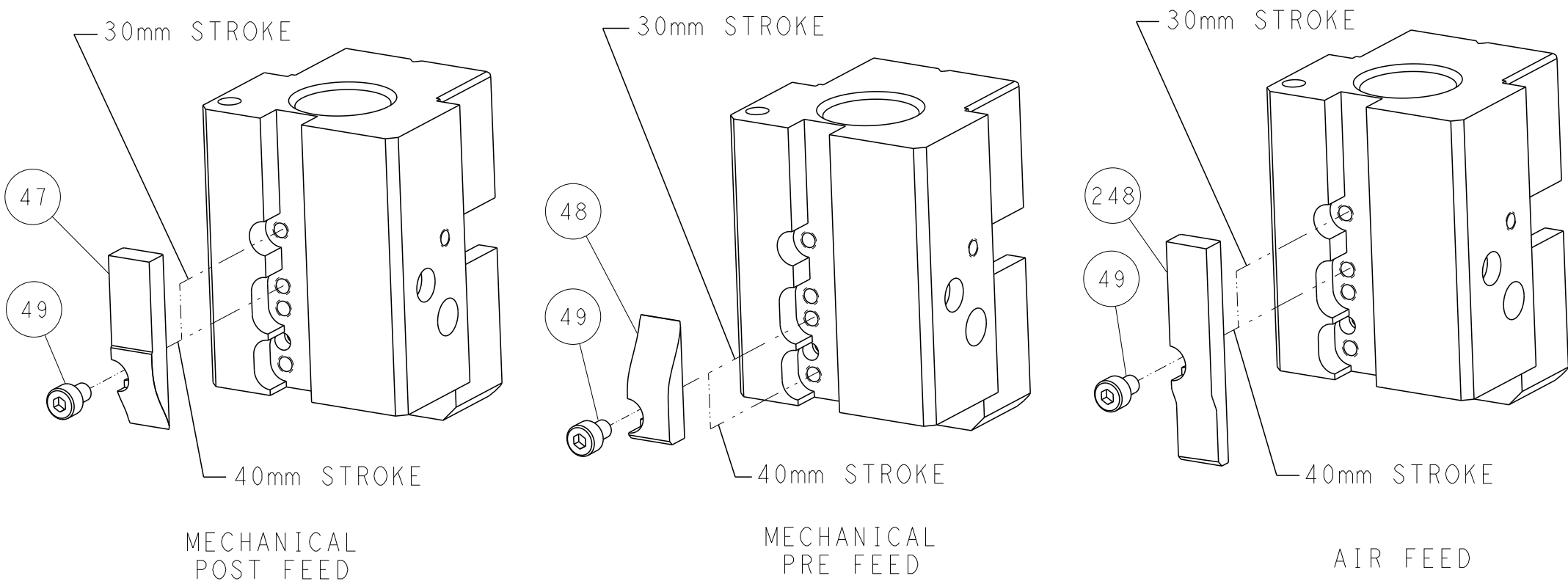


FEED SPRING
SETTING POSITION



DETAIL A

CAM POSITIONS

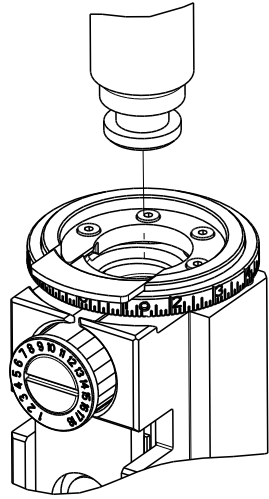


ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2150686-1	C	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2150686-2	C	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2150686-7	A	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	3.05 mm [.120]	F
INSUL	4.06 mm [.160]	F
APPL INSTRUCTIONS 408-35043		

TERMINAL DATA: NICHIFU TERMINAL TE CRIMP SPECIFICATION			
TERMINAL NAME: BULLET & RECEPTACLE			
WIRE STRIP LENGTH 4.14-4.90 mm [.163-.193 IN]		INSULATION DIAMETER RANGE Ø2.67-3.56 mm [.105-.140 IN]	
TERMINAL APPLICATION SPECIFICATION	NONE	-	-
TERMINALS APPLIED			
TE TERMINAL	NICHIFU TERMINAL	TE TERMINAL	NICHIFU TERMINAL
2303611-1	CSS 43925-M		

WIRE SIZE		CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT REFERENCE SETTING
14 AWG OR 2.00mm2		1.90+/-0.05 [.075+/- .002]		6.5
16 AWG OR 1.50mm2		1.76+/-0.05 [.069+/- .002]		8.0
18 AWG OR 1.00mm2		1.62+/-0.05 [.064+/- .002]		9.4
20 AWG OR 0.50mm2		1.49+/-0.05 [.059+/- .002]		10.7



- 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 ITEMS 180. 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. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 6 TERMINAL LUBRICANT IS RECOMMENDED.
- 7 WIRE STRANDS MAY BE VISIBLE IN WIRE BARREL SEAM IF EXCEEDING 3825 CMA.

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

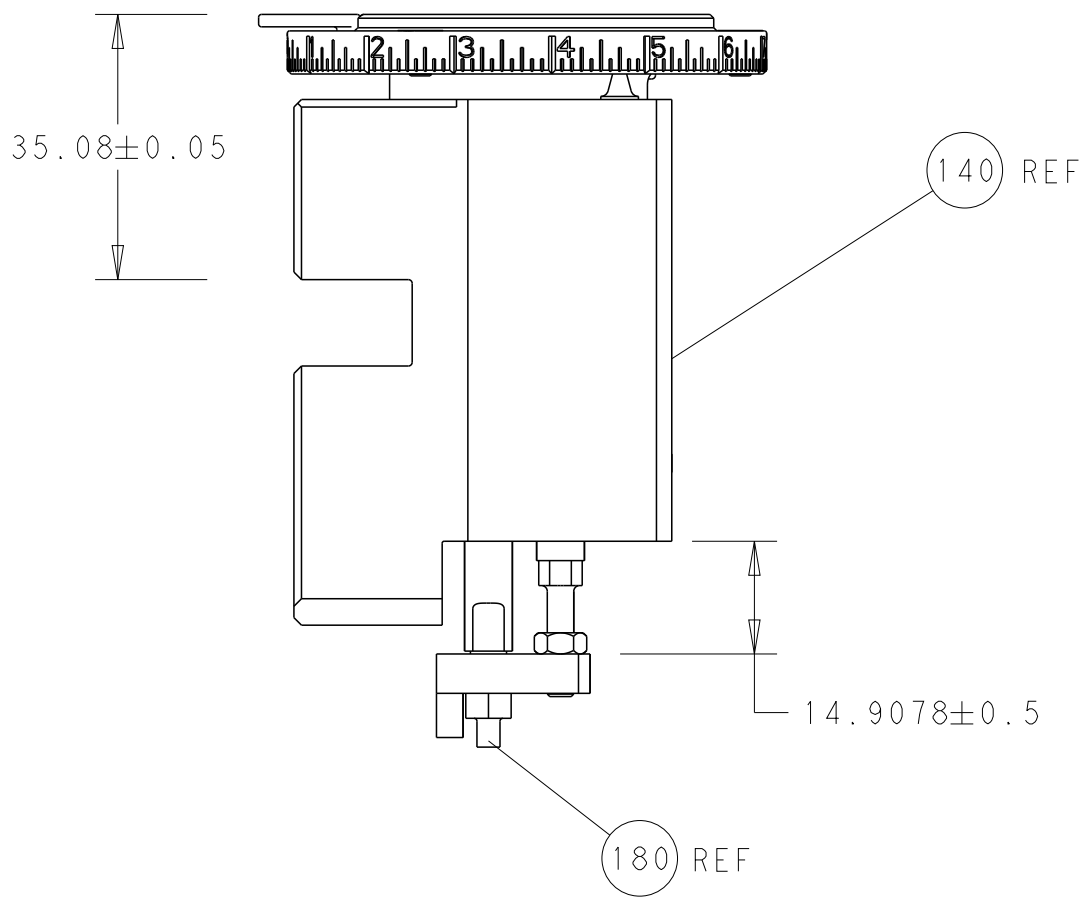
2		1						
LOC	DIST	REVISIONS						
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	

-	1	1	2119082-2	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	2119083-1	RETAINER, INSULATION DIAL	242
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2844940-3	AIR FEED MODULE	238
-	1	1	1-18028-0	WASHER, FLAT, REG M8	192
-	4	4	2079383-9	SCR, BHSC, RoHS (M6 X 20)	186
3	-	1	1-1976055-3	STANDOFF, HOLD-DOWN	180
-	1	1	6-993111-6	PIN, SLOTTED SPRING 3.0 X 14.0	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
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	2119641-2	FEED CAM, AIR FEED	152
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	2119655-6	APPLICATOR BASIC ASSEMBLY, EF	141
-	1	1	1803518-1	RAM ASSEMBLY, EF PACIFIC	140
6	-	1	2119955-2	ASSY, LUBRICATOR, END FEED	84
-	1	1	455888-6	SPACER, CRIMPER	82
-	1	1	2119791-5	DEPRESSOR, WIRE	73
-	1	1	1803607-4	DOCUMENTATION PACKAGE	71
-	2	2	2-18032-2	SCR, SET, FLT PNT, M3 X 10.0	70
-	1	1	2119943-1	WASHER, SPACER	69
-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1901681-5	HOLDDOWN, TERMINAL	65
-	2	2	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	64
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	-	1	2063961-4	FEED FINGER	58
-	3	3	2168400-4	SHCS, LOW HEAD, RoHS, M4 X 8	57
-	2	2	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	56
-	2	2	5018030-1	NUT, HEX, REG, RoHS, M3	54
-	2	2	986965-8	NUT, LOCK, HEX, TORQUE (M4)	53
-	1	1	1-5018030-0	NUT, HEX, REG, RoHS, M3.5	52
-	1	-	2063961-4	FEED FINGER	51
-	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
-	7	7	1-18028-2	WASHER, FLAT, REG M4	33
-	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	31
-	2	2	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	29
-	1	1	240639-1	STRIPPER (MACHINING)	27
-	2	2	1-2168083-5	SCR, SKT HD CAP, RoHS, M4 X 30	25
-	1	1	1-1752371-2	PLATE, STRIP GUIDE	24
-	1	1	240825-1	PLATE, STRIP HOLD DOWN	23
-	2	2	2-22281-3	SPRING, COMPRESSION	22
-	1	1	1803292-1	DRAG	20
-	2	2	1901259-5	GUIDE, LOWER STRIP	18
-	1	1	1752360-1	SPACER,HOLD-DOWN	13
1	-	1	240644-5	PLATE, REAR SHEAR	11
-	2	2	240645-7	SPACER, SHEAR PLATE	10
1	-	1	690796-8	PLATE-FRONT SHEAR MINI APPLICATOR	9
1	1	1	1-1803257-8	ANVIL, COMBINATION, END FEED	8
1	-	1	9-240651-4	BLADE, SLUG	7
-	-	-	-	-	6
-	1	1	7-240641-1	SPACER	5
-	1	1	238011-2	BLOCK, CRIMPER SPACER	4
1	1	1	5-1633961-4	CRIMPER, INSULATION F PREMIUM	3
-	1	1	455888-1	SPACER, CRIMPER	2
1	1	1	2-456409-6	CRIMPER, WIRE .120 "F" PREMIUM	1
-	77-22-21		PART NO	DESCRIPTION	ITEM NO

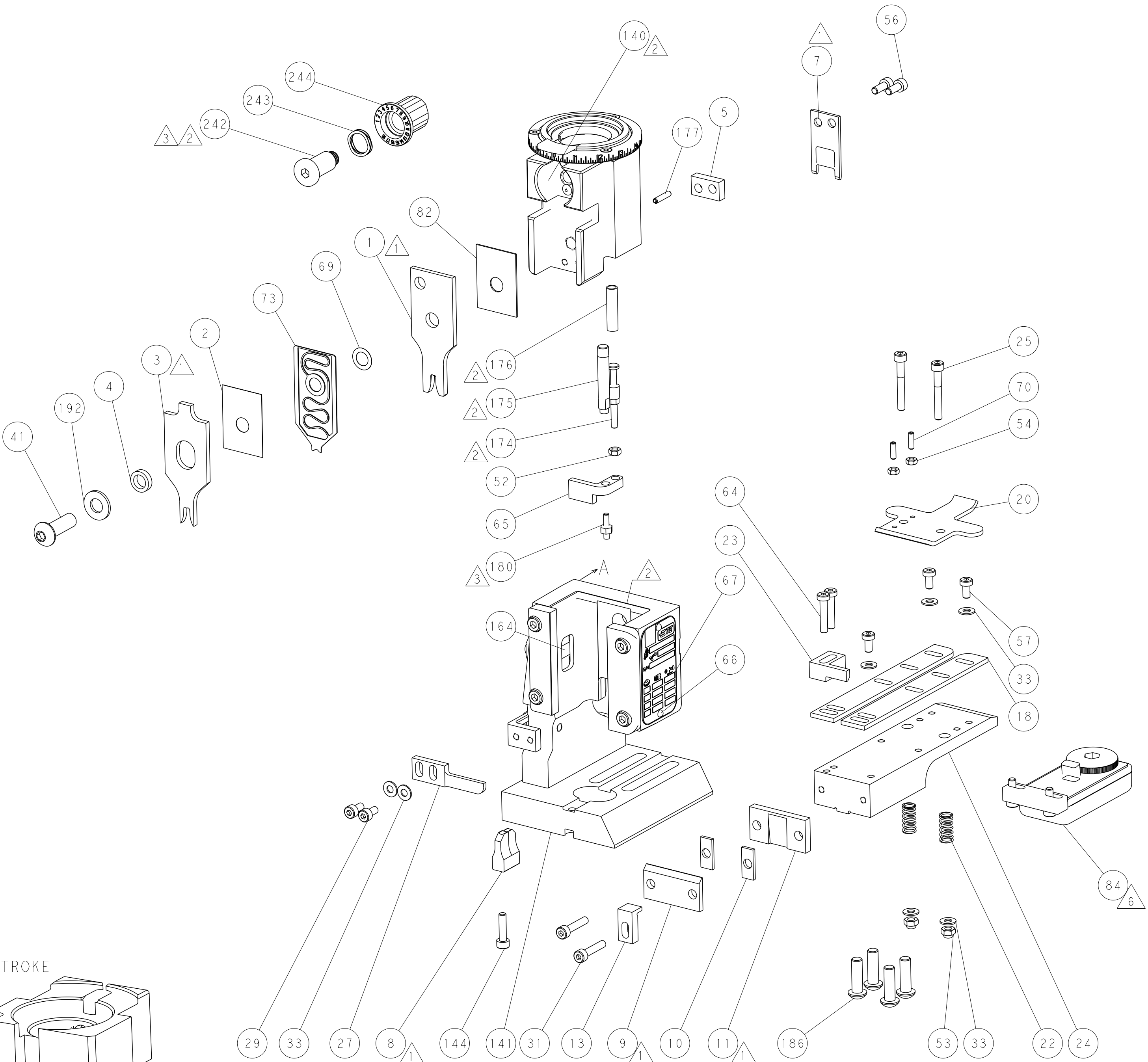
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DIMENSIONS: mm		CHK L. ZHANG 23JUN2016	NAME Ocean End Feed Applicator	
		APVD L. ZHANG 23JUN2016	PRODUCT SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		APPLICATION SPEC		RESTRICTED TO
MATERIAL		WEIGHT		
-		-		-
Customer Accessible Production Drawing		SCALE 1:1	SHEET 3	OF 4
		REV C		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

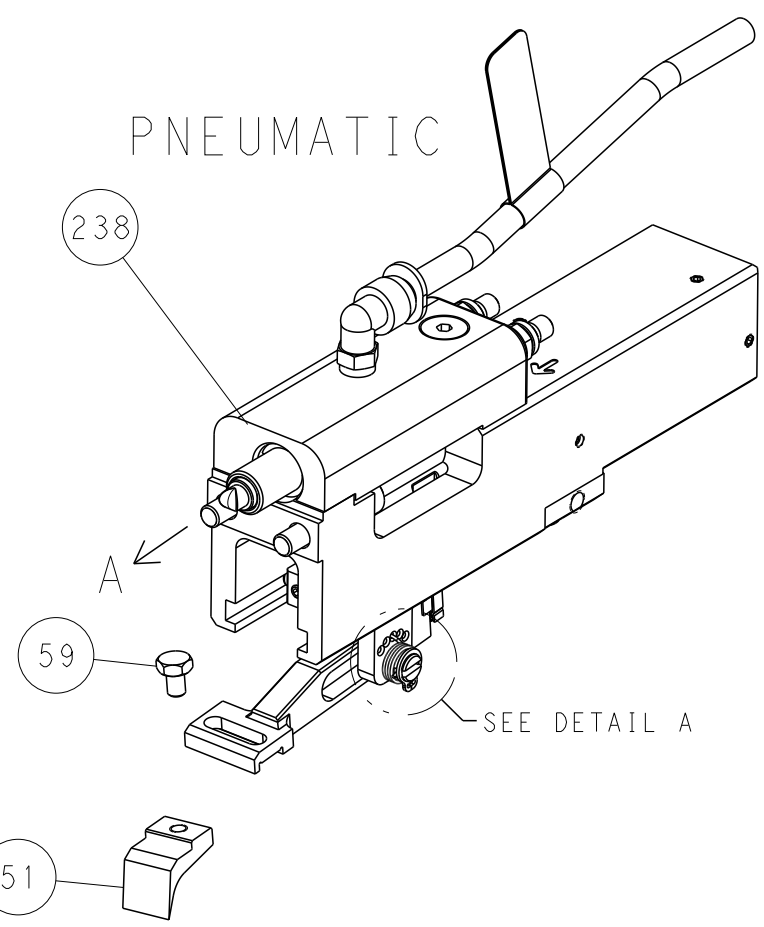
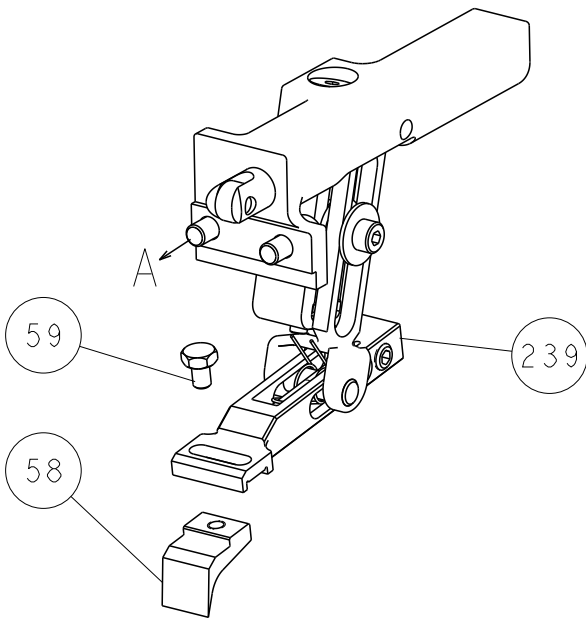
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P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	-



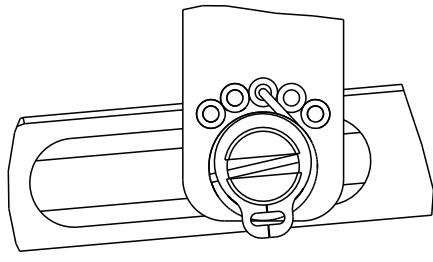
RAM AND HOLDDOWN SET-UP



FEED TYPE
MECHANICAL

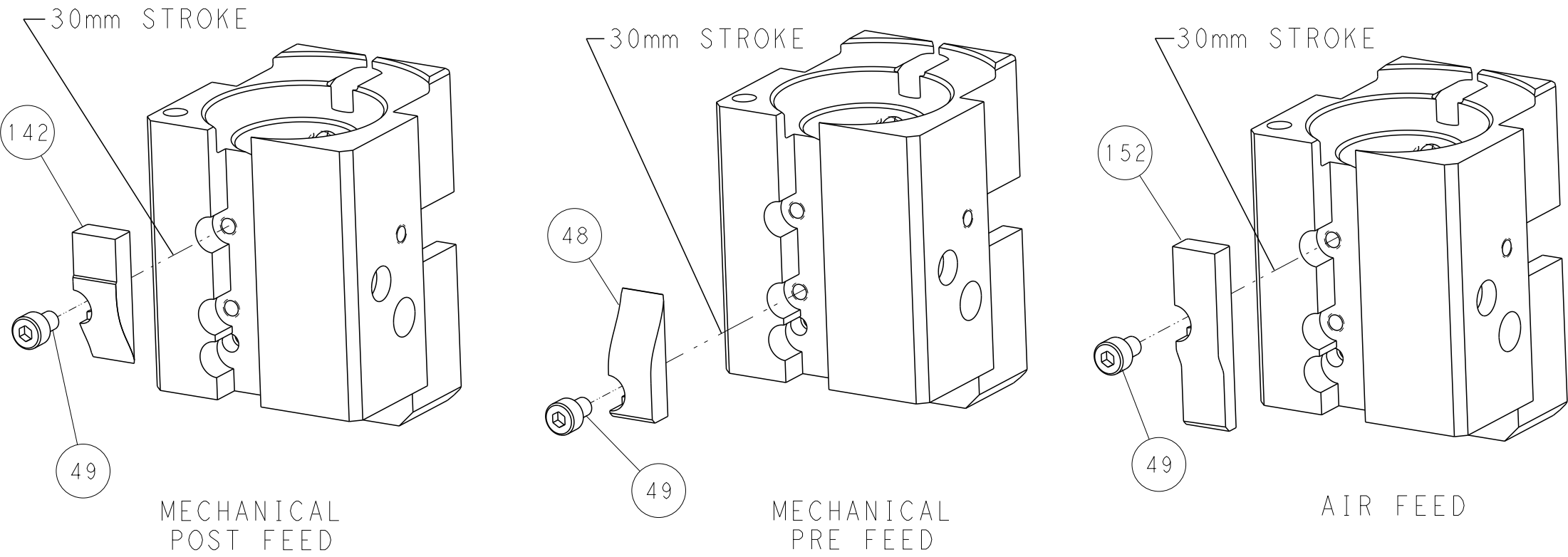


FEED SPRING
SETTING POSITION



DETAIL A

CAM POSITIONS



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	L. ZHANG	23JUN2016			
			APVD	L. ZHANG	23JUN2016	NAME		
			PRODUCT SPEC			Ocean End Feed Applicator		
			APPLICATION SPEC					
			WEIGHT			SIZE		
						CAGE CODE		
						DRAWING NO		
						RESTRICTED TO		
						Customer Accessible Production Drawing		
						SCALE		
						1:1		
						SHEET		
						4 of 4		
						REV		
						C		

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Authorized Distributor

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