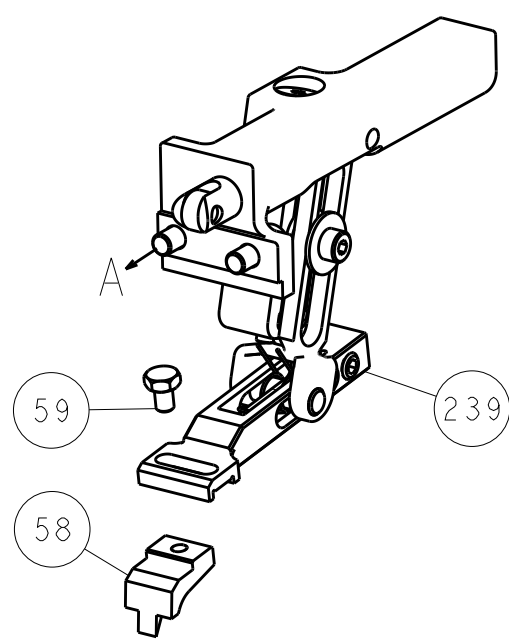


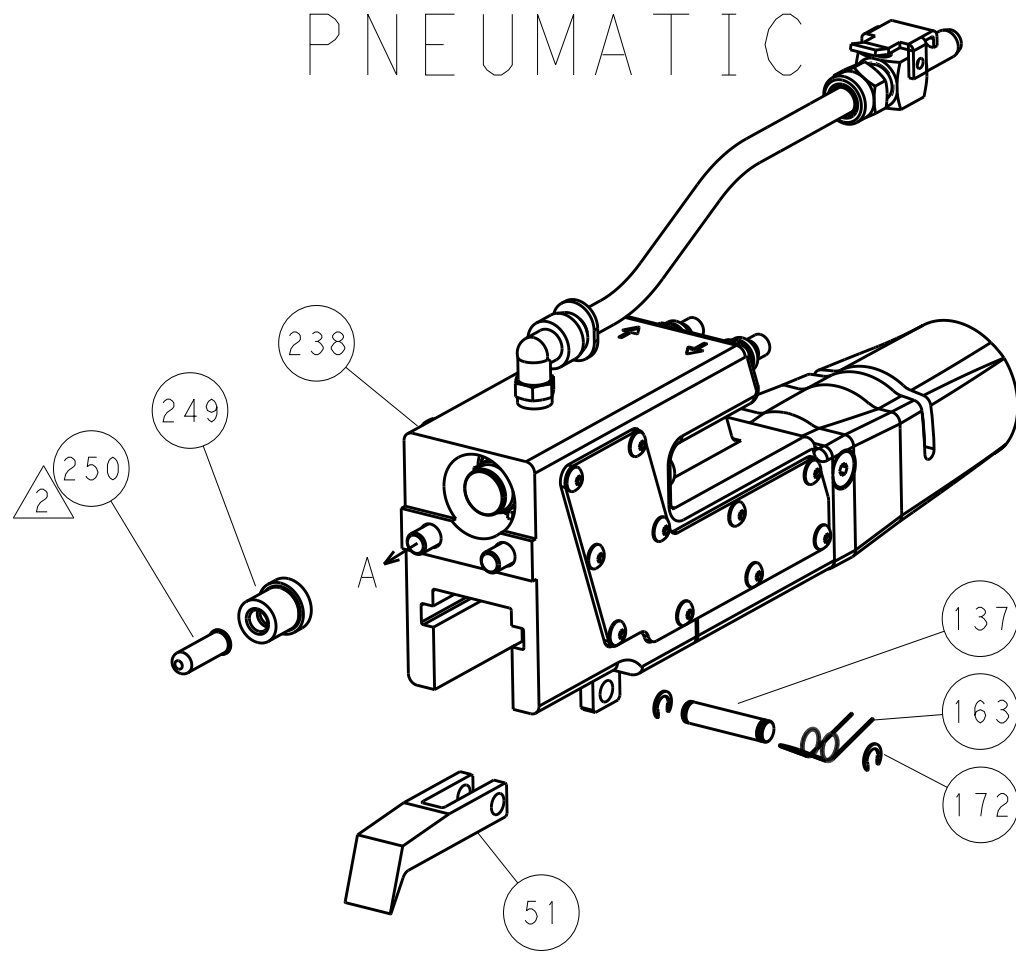
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LOC		DIST		REVISIONS			
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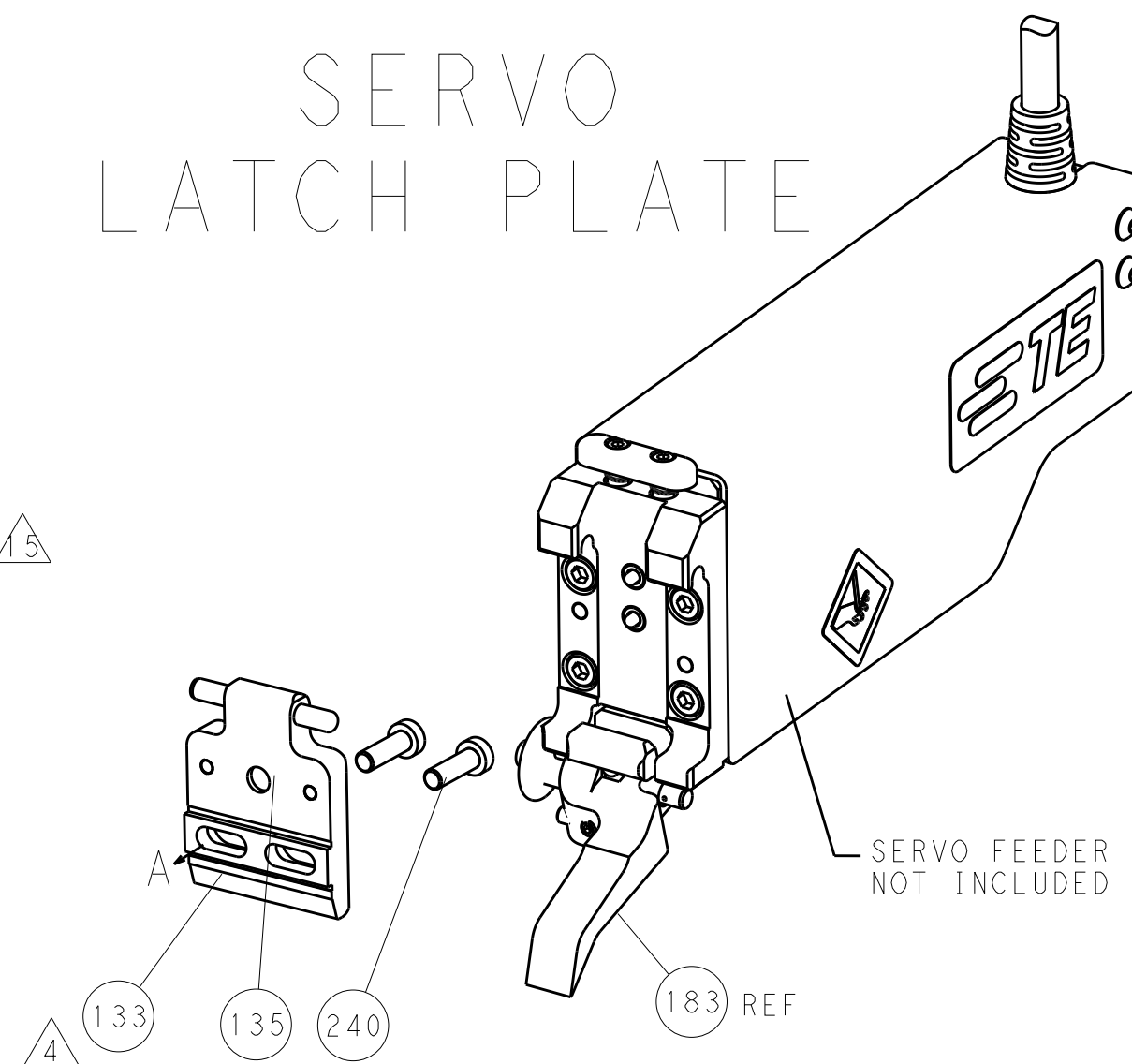
FEED TYPE
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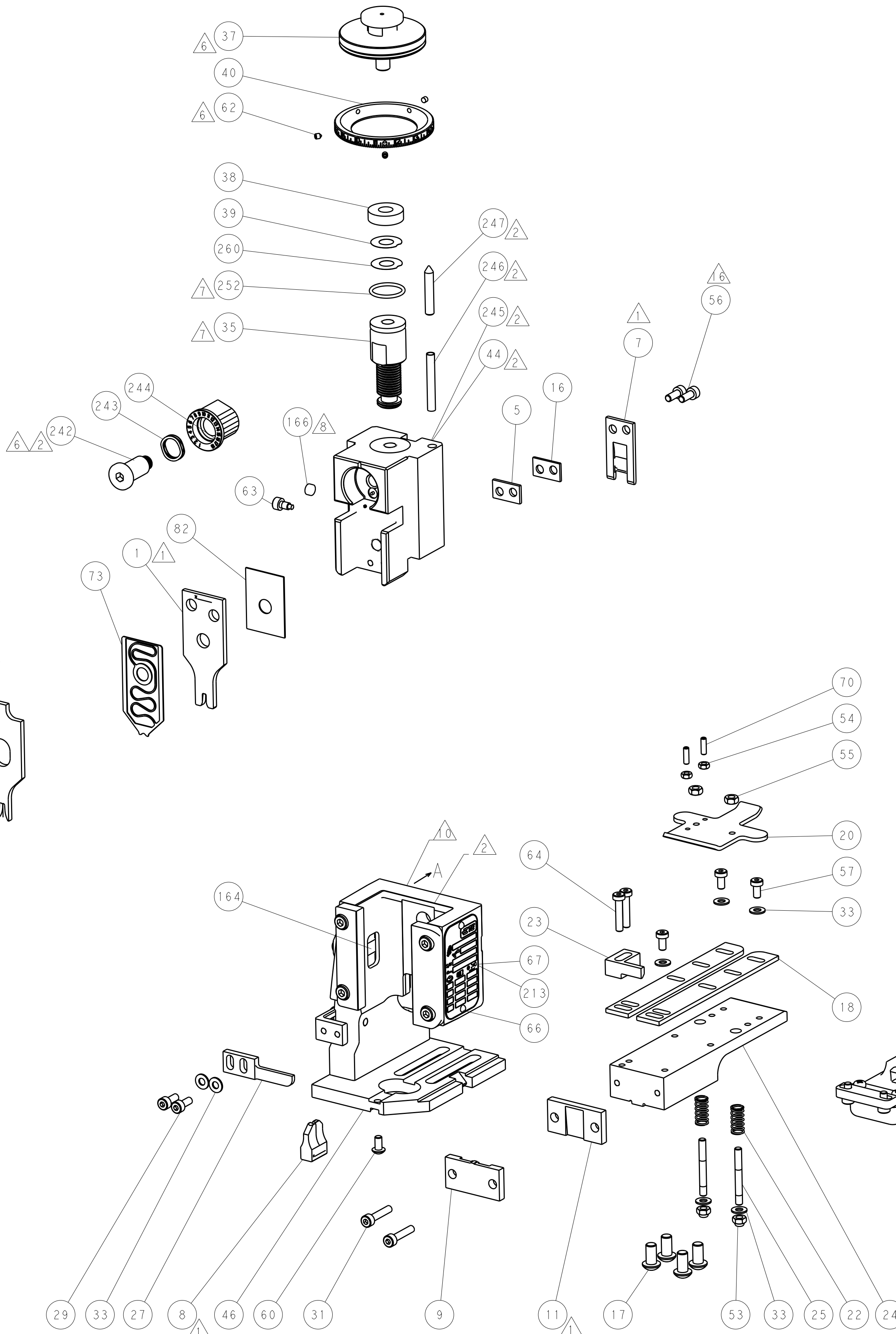
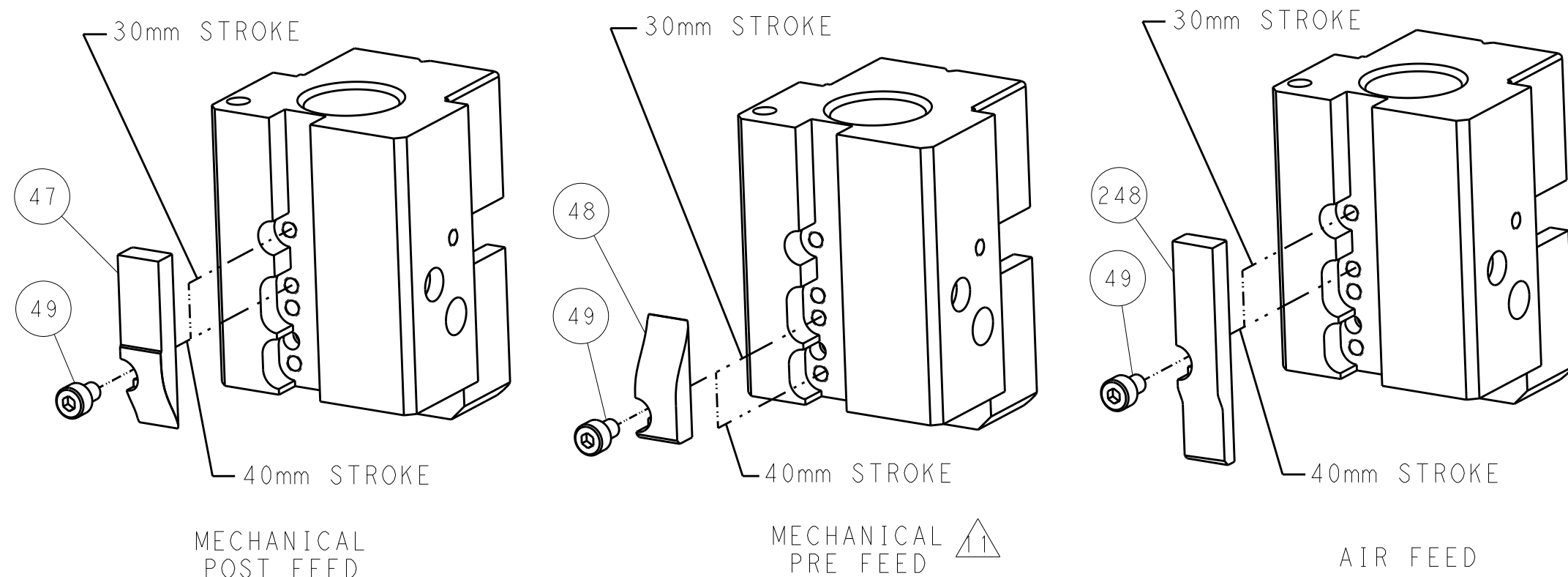
PNEUMATIC



SERVO
LATCH PLATE



CAM POSITIONS



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

THIS DRAWING IS UNPUBLISHED. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS SUBJECT TO CHANGE WITHOUT NOTICE.				DWN B. WEAVER 16NOV2011		TE Connectivity	
				CHK G. BAILEY 16NOV2011		Harrisburg, PA 17105-3608	
				APVD G. BAILEY 16NOV2011		NAME	
				PRODUCT SPEC		Ocean End Feed	
				APPLICATION SPEC		Applicator	
				WEIGHT		SIZE	
				Customer Accessible Production Drawing		A1 00779 C=2150007	
				SCALE		SHEET 2 OF 4	
				REV		B3	

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2013

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PACIFIC VERSION
TERMINATOR
INTERFACE ADAPTER

PART
NUMBER

2-2150007-1

REVISION

B

DESCRIPTION

FINE CRIMP HEIGHT ADJUST

FEED TYPE

MECHANICAL

CONVERT TO

PNEUMATIC FEED

PART NUMBERS REQUIRED

2119950-1

2119792-2

-

2119641-2

-

2063440-1

SERVO LATCH PLATE

2119951-1

SMART APPLICATOR

2161326-1

-

8-2150007-4

-

2168400-7 (QUANTITY 2)

MECHANICAL FEED

2119949-1

SERVO LATCH PLATE

2119951-1

SMART APPLICATOR

2161326-1

-

8-2150007-4

-

2168400-7 (QUANTITY 2)

MECHANICAL FEED

2119949-1

PNEUMATIC FEED

2119950-1

-

2119641-2

-

2063440-1

SERVO LATCH PLATE

2119949-1

-

2063961-1

5-18022-5

2119653-2

-

2063440-1

2-2150007-7

B

FINE CRIMP HEIGHT ADJUST

NONE

7-2150007-7

A

CRIMP TOOLING KIT

-

APPLICATOR DATA

CRIMP

SIZE

TYPE

WIRE

2.29 mm [.090]

F

INSUL

3.56 mm [.140]

F

APPLICATOR INSTRUCTIONS

408-10390

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .187 SERIES FASTON RECEPTACLE

WIRE STRIP LENGTH

3.71-4.47 mm [.146-.176 IN]

INSULATION DIAMETER RANGE

Ø2.29-3.30 mm [.090-.130 IN]

TERMINAL APPLICATION SPECIFICATION

(A)114-2036

-

-

(B)114-2065

-

-

-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

(A) 42452-1

(A) 60196-1

(A) 61939-1

(A) 63751-1

(A) 42452-2

(A) 60196-2

(A) 62137-1

(A) 63654-1

(A) 42452-5

(A) 60196-5

(A) 62137-2

(A) 63850-1

(A) 1742841-1

(A) 60196-8

(A) 62865-1

(A) 63959-1

(A) 1742883-1

(A) 60214-1

(A) 63475-1

(A) 63970-1

(A) 42453-2

(A) 60214-2

(A) 63475-2

(A) 150666-1

(A) 42617-1

(A) 60214-3

(A) 63477-1

(A) 1-150681-1

(A) 42617-2

(A) 60621-1

(A) 63477-2

(A) 151322-1

(A) 42617-7

(A) 61084-1

(A) 63477-6

(A) 151923-1

(A) 42801-1

(A) 61758-1

(A) 154936-1

(A) 152357-1

(A) 42801-2

(A) 61758-2

(A) 63556-2

(A) 154514-1

(A) 42801-5

(B) 61919-1

(A) 63608-2

(A) 63751-2

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

1.50mm2

1.60+/-0.05 [.063+/- .002]

2.6

16 AWG

1.52+/-0.05 [.060+/- .002]

3.2

1.25mm2

1.50+/-0.05 [.059+/- .002]

3.4

1.00mm2

1.42+/-0.05 [.056+/- .002]

4.0

18 AWG

1.35+/-0.05 [.053+/- .002]

5.0

0.75mm2

1.32+/-0.05 [.052+/- .002]

5.3

20 AWG

1.24+/-0.05 [.049+/- .002]

6.1

0.50mm2

1.22+/-0.05 [.048+/- .002]

6.3

1

RECOMMENDED SPARE PARTS

2

GREASE BEARING SURFACES LIGHTLY

3.

LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

4

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150007-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150007-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150007-5

5.

ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

6

APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEMS 242.

7

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.

8

MAGNET, ITEM 166 MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

9

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.

10

SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

11

THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH ITEM 2119652-1 BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS. FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.

12

INSULATION RANGE FOR TERMINAL 62137 ONLY IS 1.52-2.79 mm [.060-.110 IN]

13

WITH THE EXCEPTION OF TERMINAL 62137, THE MIN INSULATION DIAMETER THAT CAN BE APPLIED SUCCESSFULLY IS 1.70 mm [.067 IN]

TERMINAL DATA: TE TERMINAL

TE CRIMP SPECIFICATION

TERMINAL NAME: .187 SERIES FASTON RECEPTACLE

WIRE STRIP LENGTH

3.71-4.47 mm [.146-.176 IN]

INSULATION DIAMETER RANGE

Ø2.29-3.30 mm [.090-.130 IN]

TERMINAL APPLICATION SPECIFICATION

-

-

-

(C)114-5084

-

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-

TERMINALS APPLIED

TE TERMINAL

TE TERMINAL

TE TERMINAL

TE TERMINAL

170037-1

170037-2

170037-3

170037-4

170037-5

170037-6

170037-9

WIRE SIZE

CRIMP HEIGHT mm [INCH]

CRIMP HEIGHT REFERENCE SETTING

1.25mm2

1.42+/-0.05 [.056+/- .002]

4.0

0.75mm2

1.24+/-0.05 [.049+/- .002]

6.1

0.50mm2

1.14+/-0.05 [.045+/- .002]

7.3

14

CERTAIN TERMINALS REQUIRE LUBRICATION REFER TO THE APPLICATOR INSTRUCTION SHEET FOR MORE INFORMATION.

15

CUT TO LENGTH AT ASSEMBLY

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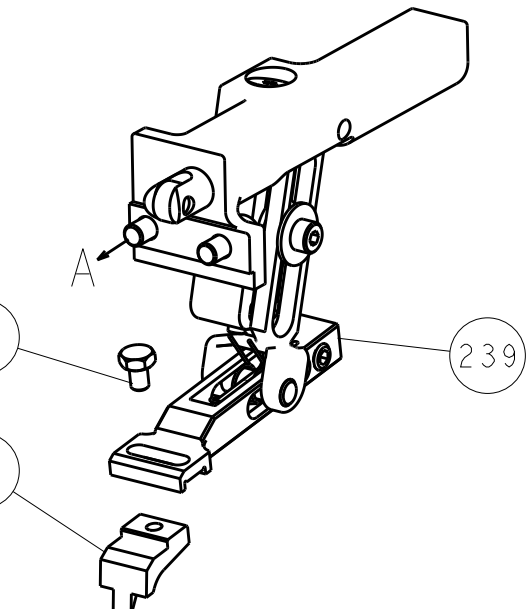
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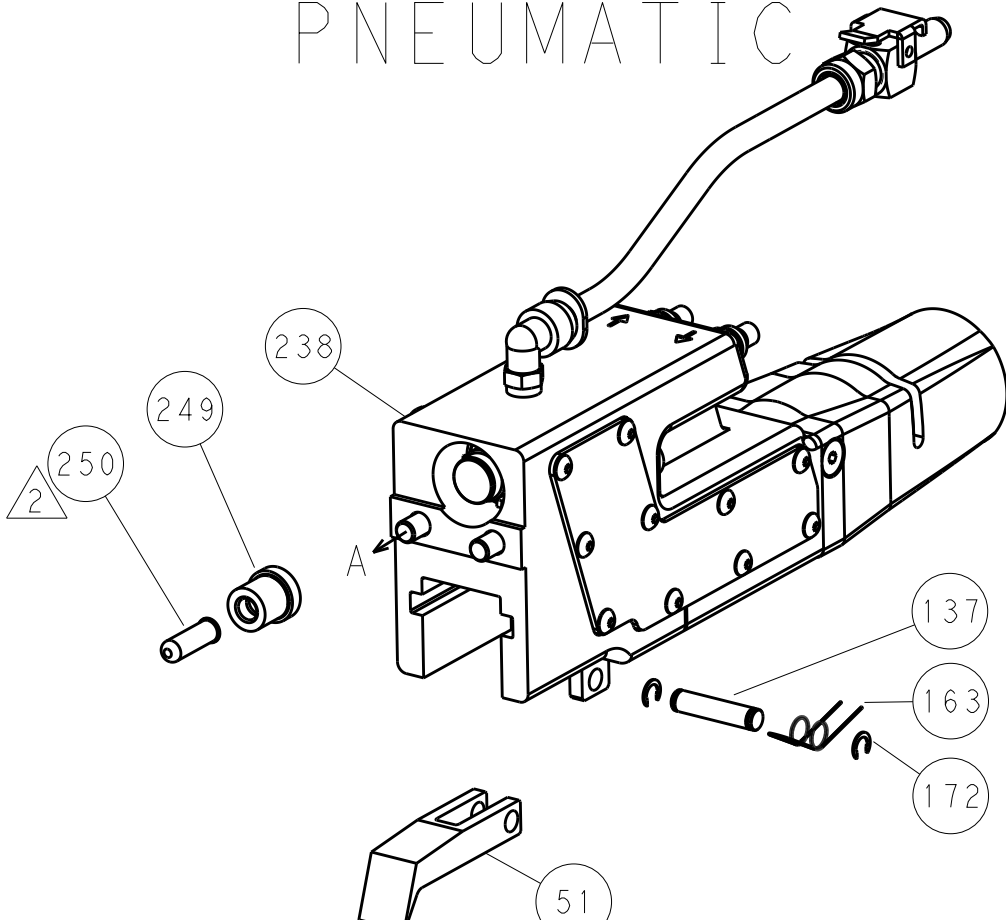
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A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

FEED TYPE

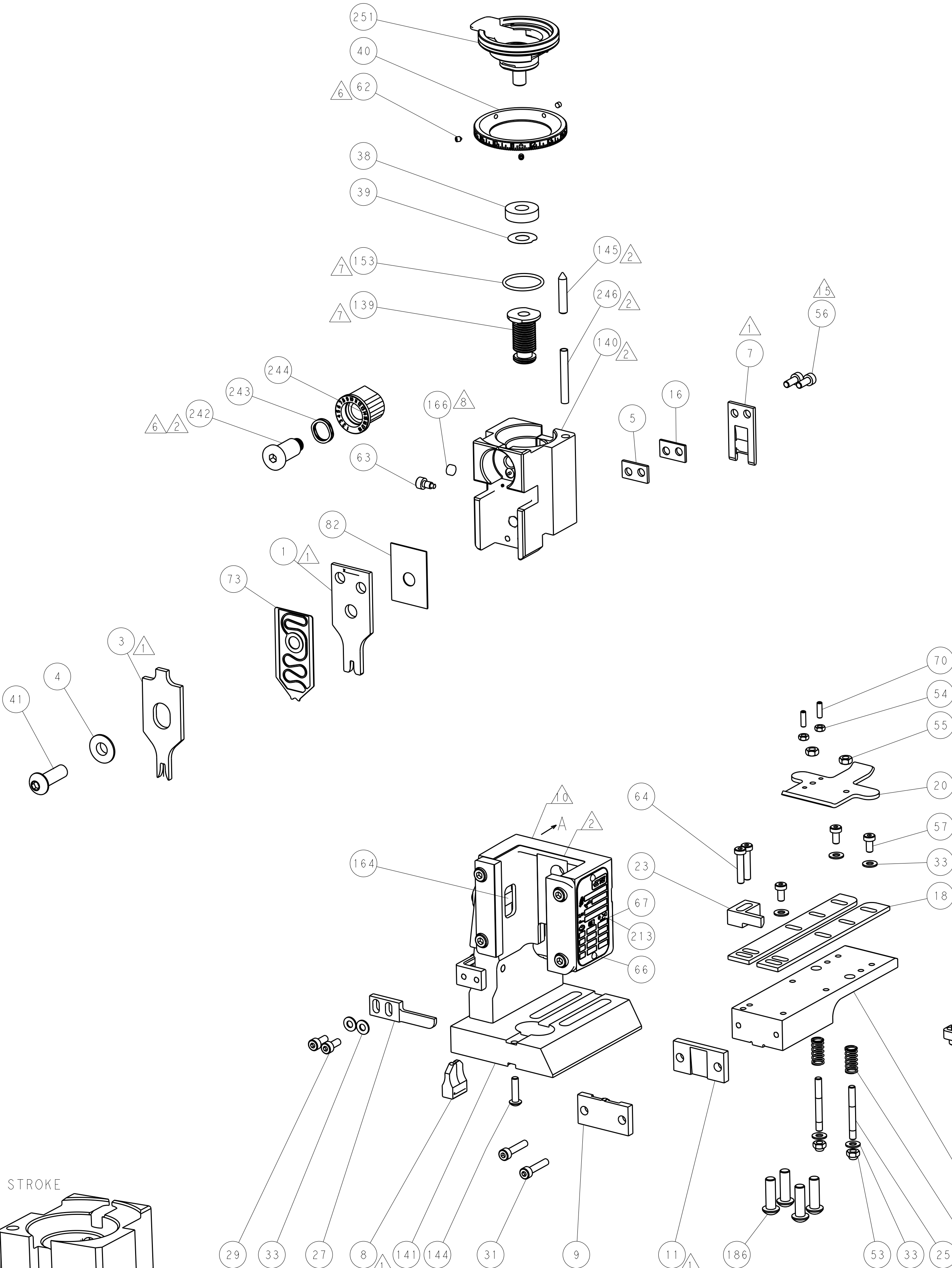
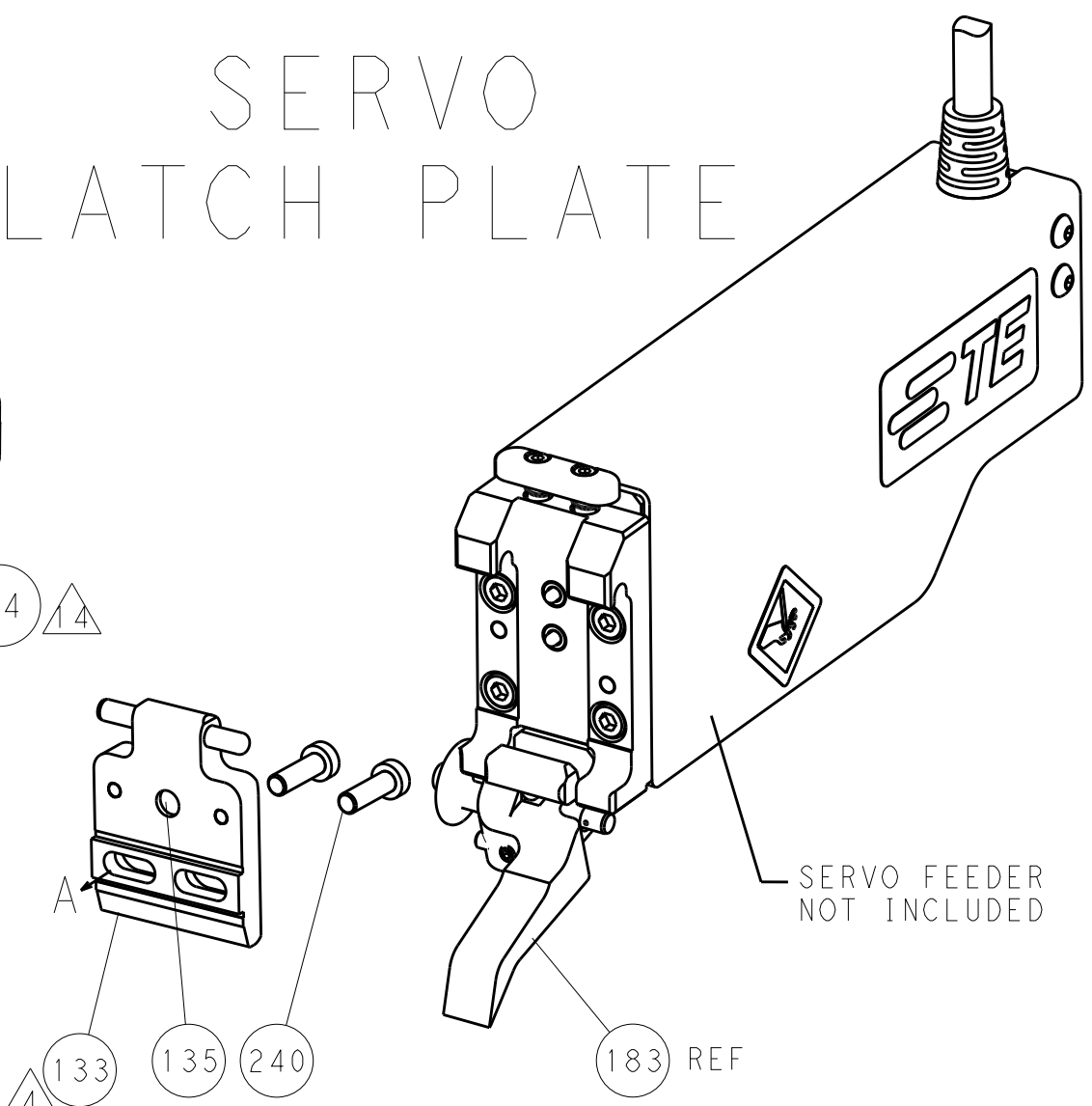
MECHANICAL



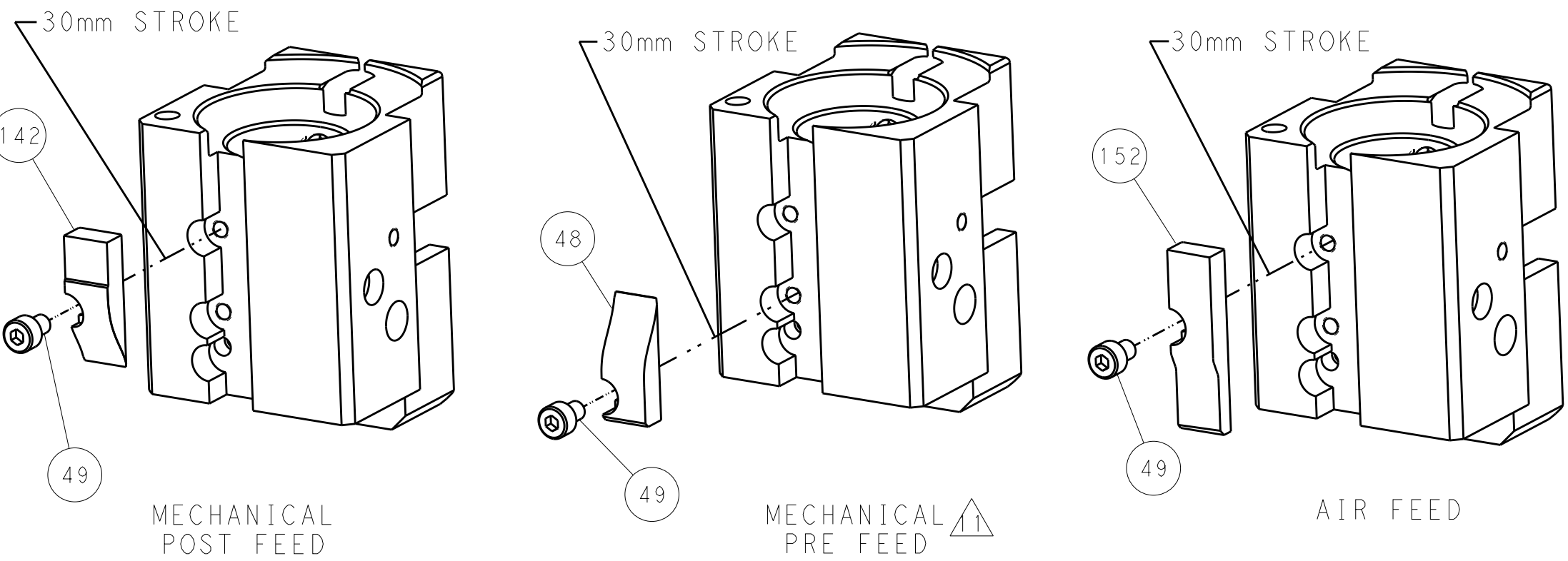
PNEUMATIC



SERVO LATCH PLATE



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 G. BAILEY 16NOV2011		
				APVD G. BAILEY 16NOV2011	NAME Ocean End Feed Applicator	
				PRODUCT SPEC	SIZE A1	
				APPLICATION SPEC	CAGE CODE 00779	
				WEIGHT	DRAWING NO C=2150007	
				Customer Accessible Production Drawing	RESTRICTED TO -	
				SCALE 1:1	SHEET 4 OF 4	
					REV B3	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2-2150007-7](#)