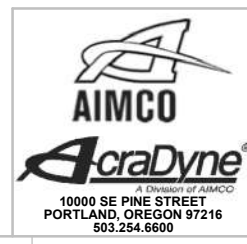


COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	26218	1	PISTOL MOTOR ASM.
	2	26599	1	LED PCB ASSY, PISTOL
	3	27016	2	NUT, HEX, 4-40 UNDERSIZED, STEEL ZINC
	4	24780	1	MOTOR COUPLER SUB-ASM.
	5	25763	1	TRANSDUCER ADAPTOR
	6	SEE CHART	1	TRANSDUCER SUB-ASM.
	7	SEE CHART	1	GEAR CASE SUB-ASM.
	8	27026	1	ADAPTOR ASM., RIV-NUT
	9	27023	1	SPRING, RIV-NUT SHAFT
	10	24687	1	O-RING, LIGHT RING, LEVER
	11	24873	1	LIGHT RING
	12	26667	1	PISTOL HANDLE, 1000 SERIES
	13	24686	1	RETAINING RING, LEVER LIGHT RING
	14	24731	1	O-RING, RING GEAR
	15	25849	1	TID BOARD ASM., PISTOL, 1000/2000-SERIES
	16	25871	1	SWITCH SUB-ASSEMBLY
NOT SHOWN	17	25788	1	CABLE, TRIGGER GEN 4 PISTOL
	18	24934	2	SCREW, FHC 4-40 X .312, STEEL, BLACK OXIDE
	19	25814	1	SCREW, PAN HEAD PHILLIPS, 4-40 X 3/16, STAR WASH, SS
	20	30771	2	SCREW, FHSC 4-40 X 3/16, STEEL, TORX HEAD
	21	25798	1	PLUG, PISTOL HANDLE
	22	24909	1	STRAIGHT ADAPTOR, PISTOL TOOL CONNECTOR
	23	25273	1	SHIM, - .010
	24	25272	1	SHIM, - .005
	25	25271	1	SHIM, - .002
	26	26792	4	SCREW, BHSC 6-32X.50, STEEL, BLACK OXIDE
	27	26791	4	WASHER, FLAT, NO 6 SCREW, STEEL, BLACK OXIDE
	28	26141	1	TOOL CONNECTOR ASM., FIXTURED TOOLS
CHOOSE THREAD SIZE	29	SEE SHEET #3	A/R	NOSE PIECE ASM., RIV-NUT
	30	010-790-1	1	SUSPENSION BAIL, PISTOL TOOLS

	MODEL NO.	TRANSDUCER ASM.	GEAR CASE ASM.
SINGLE STEP MODEL	AEP4R12006BR	25760.002	24860 (6T)
DOUBLE STEP MODELS	AEP4R12014BR	25761.005	24792 (12T/12T)
	AEP4R12022BR	25761.010	24781 (6T/14T)

◆ ASSEMBLY INSTRUCTIONS
 ◻ SUB-ASSEMBLY

- GEARS & SPLINES: LUBRICATE WITH DOW CORNING MOLYKOTE BR2 PLUS GREASE.
- BEARINGS: LUBRICATE WITH CHEVRON SR1 GREASE
- O-RINGS: LUBRICATE WITH O-RING LUBE
- APPLY LOCTITE 222 (PURPLE) TIGHTEN TO 1.0Nm (9 IN-LBS)



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
 DIMENSIONS AND TOLERANCING PER ANSI Y14.5
 SURFACE ROUGHNESS PER ANSI Y14.36

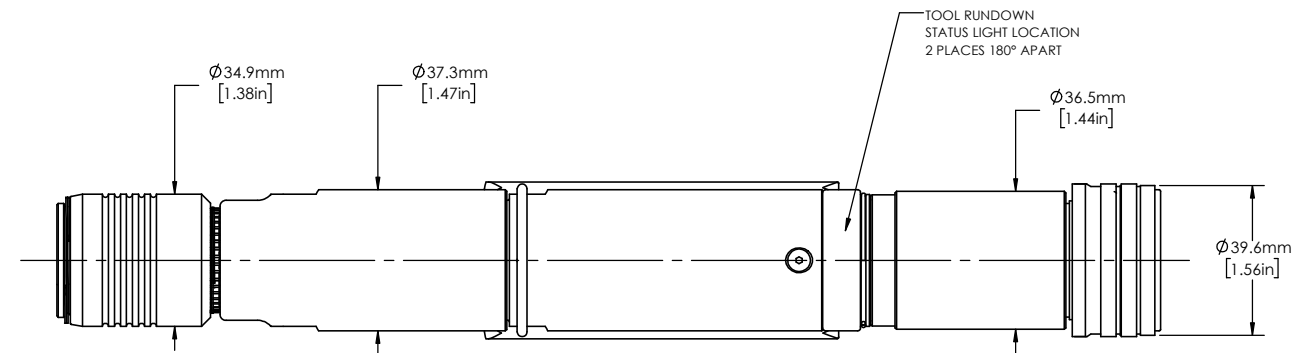
BLOCK TOLERANCING PER DECIMAL:
 .X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
 ANGLE = ±0° 30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX
 MACHINE SURFACE FINISH: 125 RMS OR BETTER

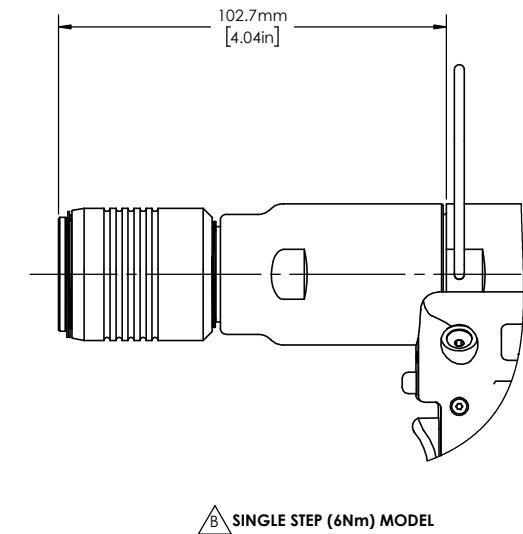
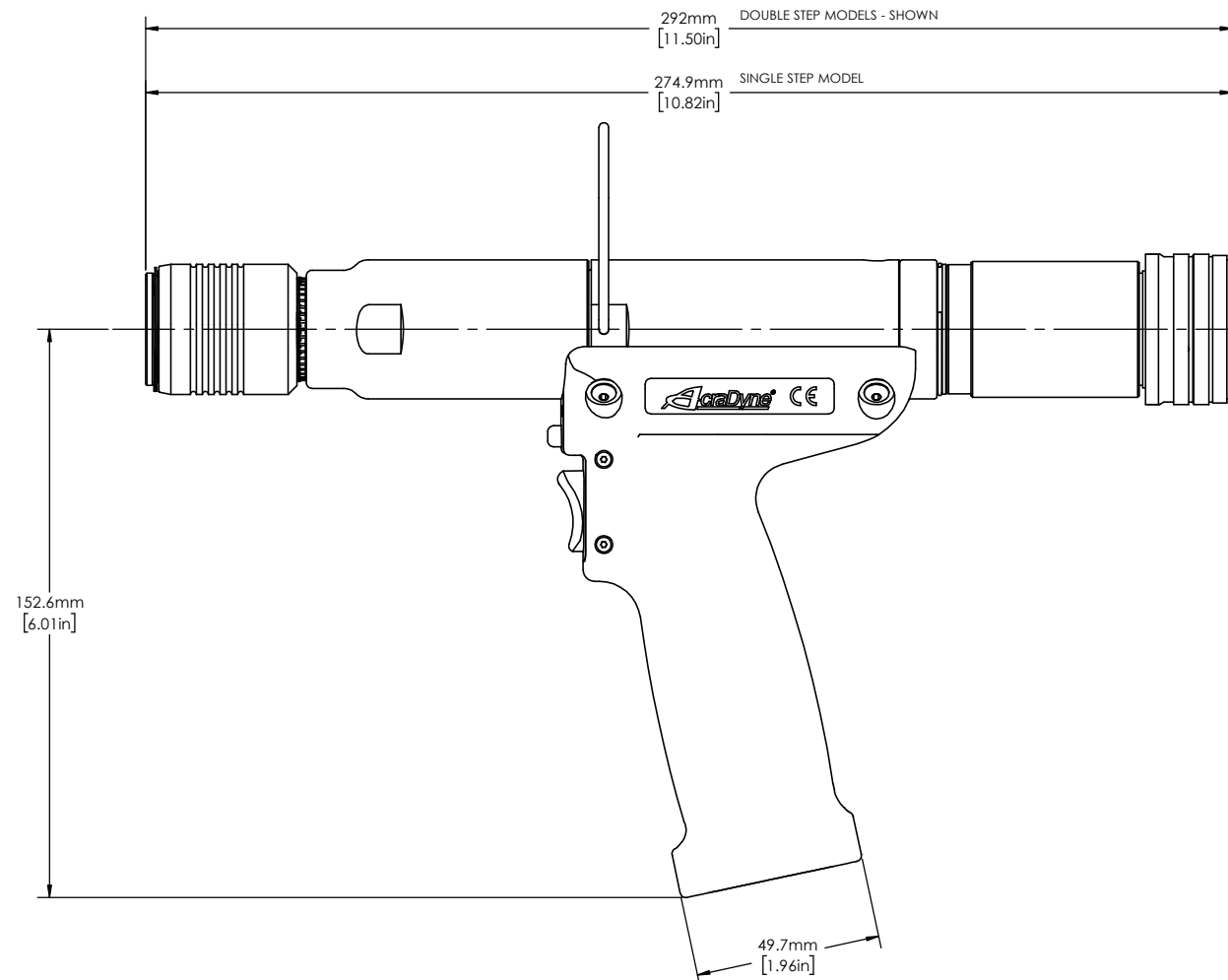
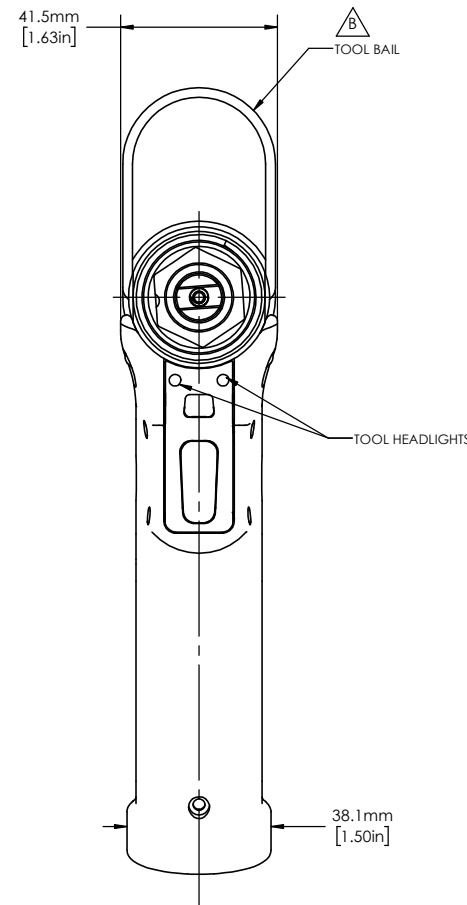
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ACRADYNE MECHANICAL ENGINEERING

**REAR EXIT PISTOL
 RIV-NUT NUTRUNNER
 1000-SERIES**

SIZE D	PART / DRAWING NUMBER AEP4R120 BR	REVISION B
SCALE 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 3



	MODEL NO.
SINGLE STEP MODEL	AEP4R12006BR
DOUBLE STEP MODELS	AEP4R12014BR
	AEP4R12022BR



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL
B	01/27/23	ADDED TOOL BAIL 010-799-1 & INSTALL NOTE TO ALL TOOL MODELS; ADDED TO SHEET #2 OUTLINE DRAWING. ADDED SHM NOTE & REAR VIEW TO SHEET #1.	6259	T. BURNETT
A	02/04/19	PRODUCTION RELEASE	3612	T. BURNETT

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
DIMENSIONS AND TOLERANCING PER ANSI Y14.5
SURFACE ROUGHNESS PER ANSI Y14.36

BLOCK TOLERANCING PER DECIMAL:
.X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
ANGLE = ±0° 30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX
MACHINE SURFACE FINISH: 125 RMS OR BETTER
DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

REAR EXIT PISTOL RIV-NUT NUTRUNNER 1000-SERIES		
SIZE	PART / DRAWING NUMBER	REVISION
D	AEP4R120 BR	B
SCALE 1:1	DO NOT SCALE DRAWING	SHEET 2 OF 3

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A

SIZE CODE CHART			
THREAD SIZE	NOSE PIECE ASM.	THREAD SIZE	NOSE PIECE ASM.
M4 x 0.7mm	27051	8-32 UNC	27055
M5 x 0.8mm	27034	10-24 UNC	27056
M6 x 1.0mm	27052	10-32 UNF	27057
M8 x 1.25mm	27053	1/4-20 UNC	27058
M10 x 1.5mm	27054	5/16-18 UNC	27059
		3/8-16 UNC	27060



AIMCO
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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL

REVISION BLOCK

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
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DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

REAR EXIT PISTOL RIV-NUT NUTRUNNER
1000-SERIES

SIZE B	PART / DRAWING NUMBER AEP4R120__BR	REVISION B
SCALE 1:1	DO NOT SCALE DRAWING	SHEET 3 OF 3

8 7 6 5 4 3 2 1