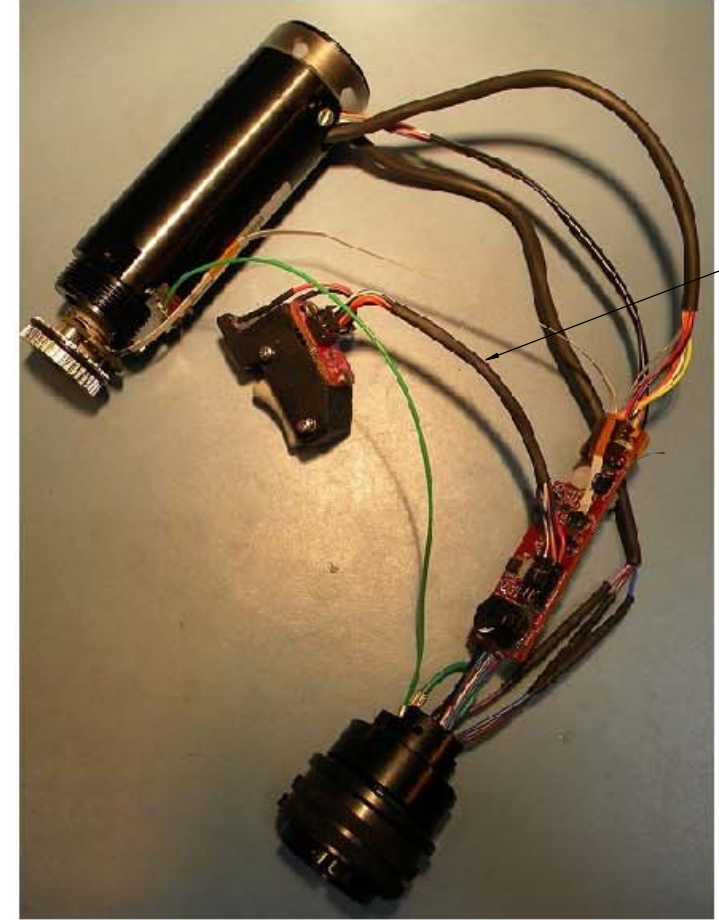
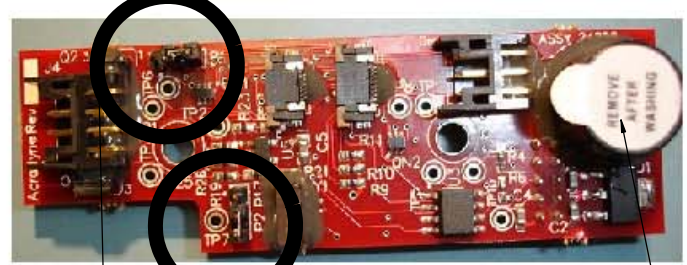


COMMENTS	ITEM NO.	PART NO.	QTY.	DESCRIPTION
	1	25065	1	PISTON MOTOR ASSEMBLY, TOP EXIT
	2	26599	1	LED PCB ASSY, PISTOL
	3	27016	2	NUT, HEX, 4-40 UNDERSIZED, STEEL ZINC
	4	24780	1	MOTOR COUPLER SUB-ASM.
	5	25763	1	TRANSDUCER ADAPTOR
	6	SEE CHART	1	TRANSDUCER SUB-ASM.
	7	SEE CHART	1	GEAR CASE SUB-ASM.
	8	25735	1	EXT. STRAIGHT OUTPUT ASM., 3/8" SQ. DR.
	9	24687	1	O-RING, LIGHT RING, LEVER
	10	24873	1	LIGHT RING
	11	24686	1	RETAINING RING, LEVER LIGHT RING
	12	26685	1	PISTOL HANDLE, 2000 SERIES, MODEL B
	13	25871	1	SWITCH SUB-ASSEMBLY
	14	25798	1	PLUG, PISTOL HANDLE
	15	24934	4	SCREW, FHC 4-40 X .312, STEEL, BLACK OXIDE
	16	25849	1	T.I.D. BOARD ASM., PISTOL
SEE WIRING PHOTO	17	25788	1	CABLE, TRIGGER, GEN 4 PISTOL
	18	24697	1	REACTION BAR, STEEL, 2000 SERIES
	19	25814	1	SCREW, PAN HEAD PHILLIPS, 4-40 x 3/16, STAR WASH, SS
	20	24910	1	RIGHT ANGLE ADAPTOR, TOOL CONN.
	21	25138	2	SCREW, FHC 4-40 X .312, STEEL, BLACK OXIDE
	22	26792	4	SCREW, BHSC 6-32X.50, STEEL, BLACK OXIDE
	23	26791	4	WASHER, FLAT, NO 6 SCREW, STEEL, BLACK OXIDE
	24	24731	1	O-RING, RING GEAR
	25	25889	1	TOOL CONNECTOR ASM., TOP EXIT PISTOL



MODEL NO.	TRANSDUCER ASM.	GEAR CASE SUB-ASM.
AEP4T22020BV	25761.009	24901 (14T/14T)
AEP4T22025BV	25762.001	24894 (12T/12T)
AEP4T22030BV	25762.002	24902 (8T/14T)
AEP4T22035BV	25762.003	24903 (8T/12T)
AEP4T22040BV	25762.004	24904 (6T/14T)



REMOVE THIS STICKER

CHECK TID JUMPER CONNECTS
PIN 2 TO PIN 3, BOTH LOCATIONS

- ◆ ASSEMBLY INSTRUCTIONS
 - ◇ SUB-ASSEMBLY
- 1) GEARS & SPLINES: LUBRICATE WITH DOW CORNING MOLYKOTE BR2 PLUS GREASE.
 - 2) BEARINGS: LUBRICATE WITH CHEVRON SR1 GREASE
 - 3) O-RINGS: LUBRICATE WITH O-RING LUBE
 - 4) TIGHTEN TO 1.0 Nm (9 IN-LBS) LOCTITE 243 (BLUE)

◆ PRE-WIRE PISTOL AND PROGRAM TID TO TEST MOTOR, CABLING AND TID BOARD BEFORE ASSEMBLING INTO HANDLE

REQUIRED TOOLING
SNAP-ON CROWFOOT WRENCH, 1/2" SQ. DR. x 1-3/8" OPENING SNAP-ON PART NUMBER SC044
MAGNETIC VISE JAWS - PART NUMBER 1000-100
LOCTITE #243 BLUE
TORQUE WRENCH, 1/2" DRIVE
LOCTITE #263 RED



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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

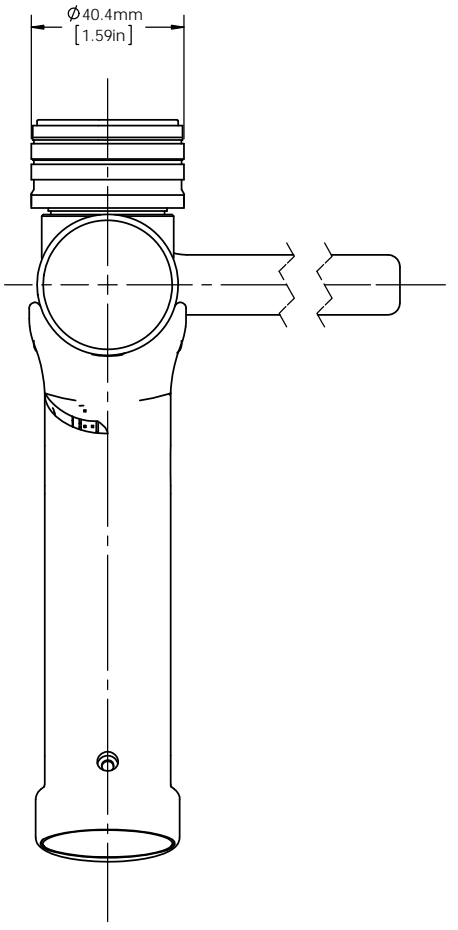
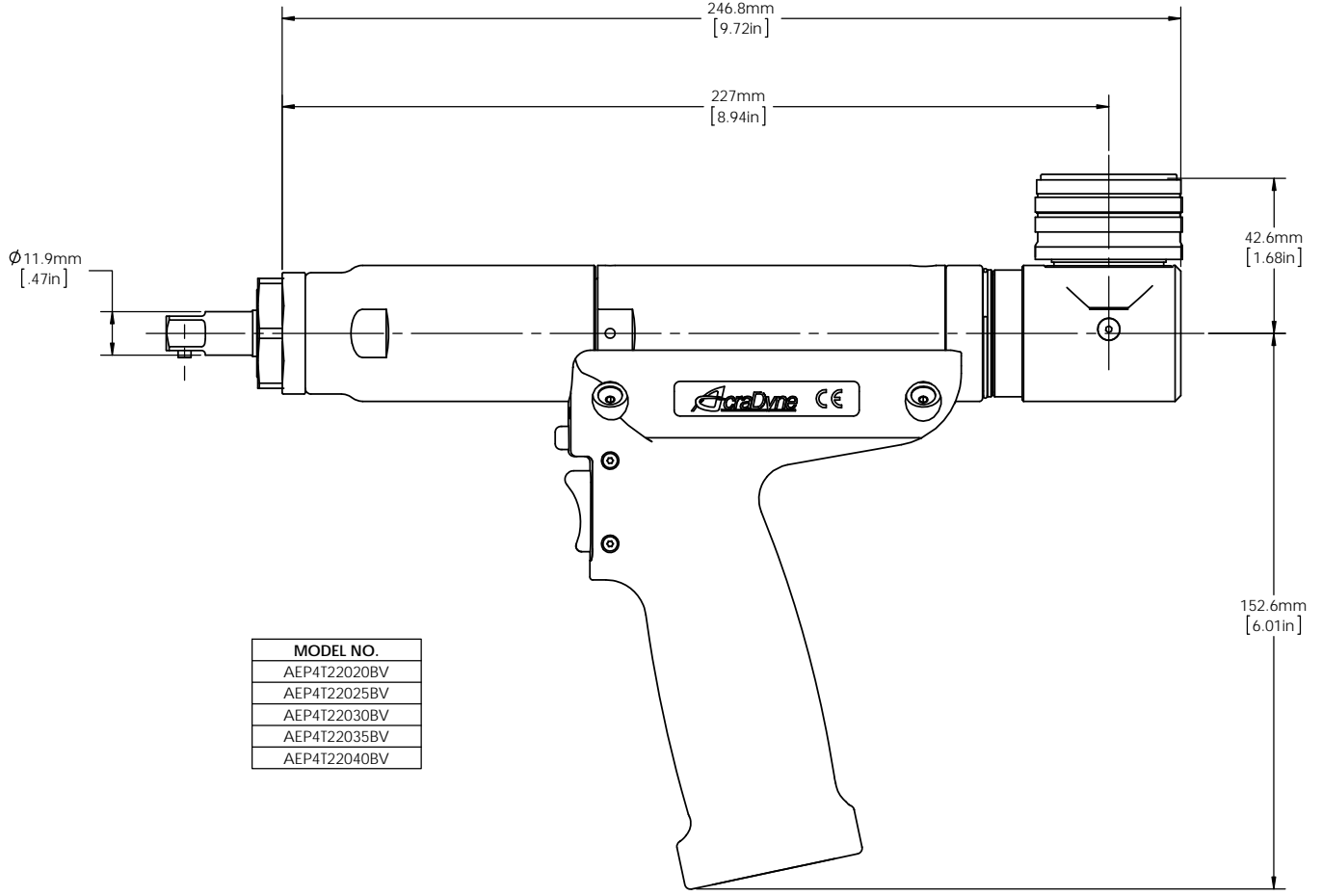
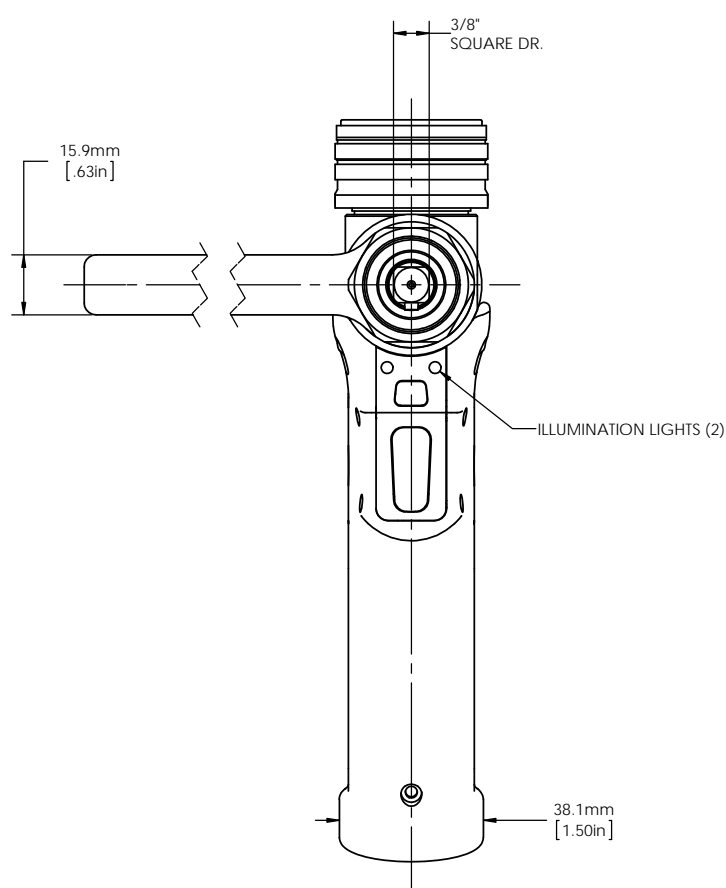
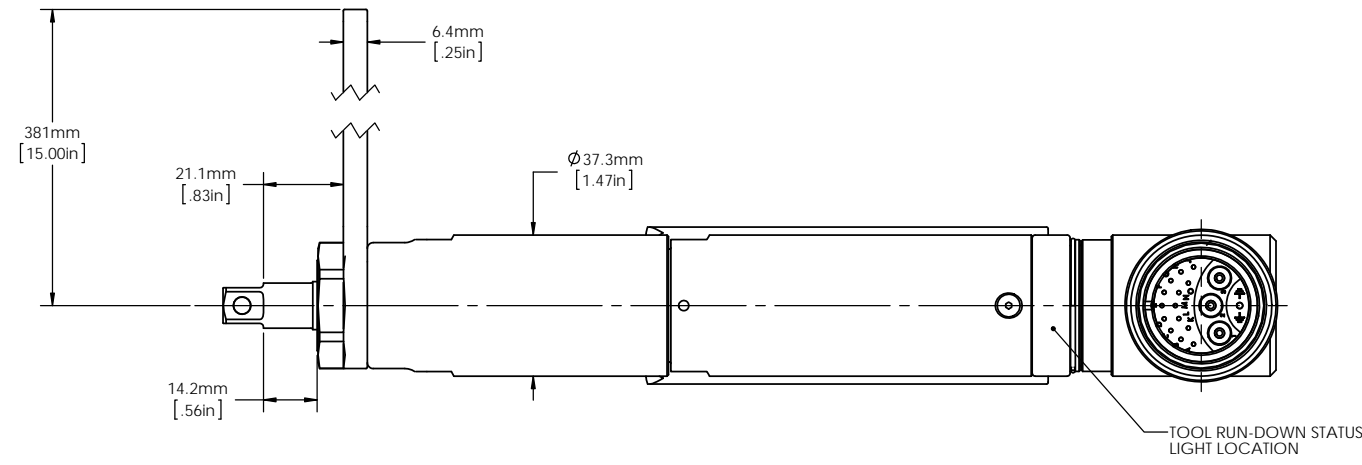
BLOCK TOLERANCING PER DECIMAL:
.X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
ANGLE = 40°/30°

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

DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

SIZE	PART / DRAWING NUMBER	REVISION
D	AEP4T22__BV	F

SCALE: 1:1 DO NOT SCALE DRAWING SHEET 1 OF 2



MODEL NO.
AEP4T22020BV
AEP4T22025BV
AEP4T22030BV
AEP4T22035BV
AEP4T22040BV

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 PORTLAND, OREGON 97216
 503.254.6600

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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

DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

AEP4T22 ___ BV
PISTOL NUTRUNNER
 GEN IV, 2000 SERIES

SIZE	PART / DRAWING NUMBER	REVISION
D	AEP4T22 ___ BV	F

SCALE 1:1 DO NOT SCALE DRAWING SHEET 2 OF 2