

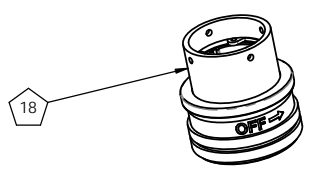
COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	26213	1	PISTOL MOTOR ASSEMBLY
	2	26198	1	THRUST WASHER
	3	26074	1	BELLEVILLE WASHER
	4	SEE CHART	1	GEAR TRAIN ASM.
	5	26530	2	DOWEL PIN, Ø1/8 x 1.00, STEEL
	6	27391	1	PIN RETAINER RING
	7	26077	2	M-F THREADED HEX STANDOFF
	8	20912	1	WAVE SPRING --- 3000 SERIES
	9	SEE CHART	1	ASSEMBLY, GEAR CARRIER
	10	20911	2	BELLEVILLE WASHER
	11	20923	1	INLINE HEAD ASSY - 1/2 IN DRIVE
	12	20913	2	PIN, RETAINING
	13	26078	2	SHC SCREW, 4-40, BLACK OXIDE
	14	26080	1	O-RING, LED LIGHT RING COVER
	15	26079	1	LIGHT RING COVER, LED
	16	26085	1	PISTOL HANDLE
	17	24934	2	SCREW, FHC 4-40 X .312, STEEL, BLACK OXIDE
	18	26103	1	TOOL CONNECTOR ASM., PISTOL
	19	25849	1	T.I.D. BOARD ASM., PISTOL
	20	25745	5	SCREW, BHSC 4-40 STEEL, BLACK OXIDE
	21	26089	4	SCREW, BHSC 6-32X.625, STEEL, BLACK OXIDE
	22	20534	1	3000 SERIAL/MODEL LABEL
	23	25212	1	SWITCH SUB-ASSEMBLY
NOT SHOWN	24	25788	1	CABLE ASM., TRIGGER
	25	26081	1	MOTOR HOUSING COVER
	26	26087	1	END CAP, PISTOL MOTOR
	27	22141	1	SAFETY LABEL
	28	27310	1	REACTION BAR, STEEL, 75-230Nm
	29	20455	1	FIXTURE NUT, INLINE --- 3000 SERIES
	30	26839	1	PISTOL LED BOARD ASM.
	31	25385	4	SCREW, FHSC 6-32 X .375, STEEL
	32	27596	2	SCREW, PLASTITE, FH TORX, 8-16 X .500, SS

MODEL NO.	GEAR TRAIN ASM.	GEAR CARRIER ASM.
AEP35075AV	26116	20924
AEP35090AV	26115	26117
AEP35110AV	26114	20924
AEP35135AV	26113	26117
AEP35170AV	26111	26117

◆ 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

REQUIRED TOOLING
LOCTITE 243 (BLUE)
1/16 HEX WRENCH
5/64 HEX WRENCH
3/32 HEX WRENCH
7/32 HEX WRENCH
T6 TORX DRIVER
T15 TORX DRIVER



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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**

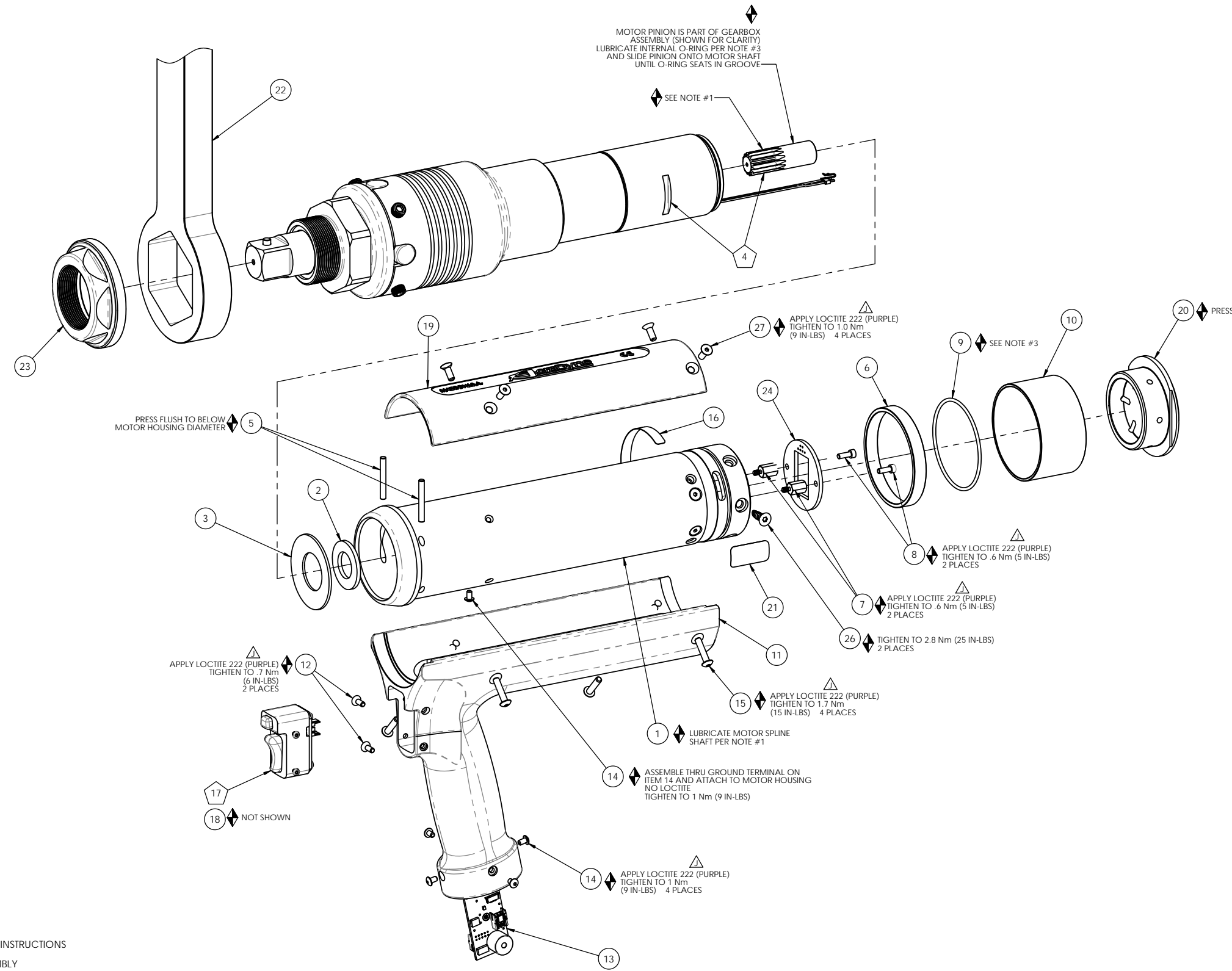
**AEP35\_\_A\_\_ PISTOL NUTRUNNER**  
 5000 SERIES, GEN 3

SIZE	PART / DRAWING NUMBER	REVISION
D	AEP35__A__	J

SCALE: 3:4 DO NOT SCALE DRAWING SHEET 1 OF 4

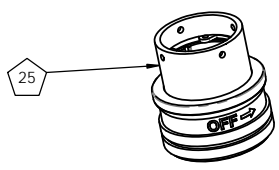
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	2	26198	1	THRUST WASHER
	3	26074	1	BELLEVILLE WASHER
	4	SEE CHART	1	GEARBOX ASM. - TRIPLE STEP
	5	26530	2	DOWEL PIN, $\phi 1/8 \times 1.00$ , STEEL
	6	27391	1	PIN RETAINER RING
	7	26077	2	M-F THREADED HEX STANDOFF
	8	26078	2	SHC SCREW, 4-40, BLACK OXIDE
	9	26080	1	O-RING, LED LIGHT RING COVER
	10	26079	1	LIGHT RING COVER, LED
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	16	20534	1	3000 SERIAL/MODEL LABEL
	17	25212	1	SWITCH SUB-ASSEMBLY
NOT SHOWN	18	25788	1	CABLE ASM., TRIGGER
	19	26081	1	MOTOR HOUSING COVER
	20	26087	1	END CAP, PISTOL MOTOR
	21	22141	1	SAFETY LABEL
	22	27315	1	REACTION BAR, STEEL, 280-635Nm
	23	23792	1	RETAINING NUT, HEX
	24	26839	1	PISTOL LED BOARD ASM.
	25	26103	1	TOOL CONNECTOR ASM., PISTOL
	26	27596	2	SCREW, PLASTITE, FH TORX, 8-16 X .500, SS
	27	25385	4	SCREW, FHSC 6-32 X .375, STEEL

MODEL NO.	GEARBOX ASM.
AEP35280A	26202
AEP35350A	26203
AEP35420A	26201
AEP35515A	26200
AEP35635A	26129



- ◆ ASSEMBLY INSTRUCTIONS
  - ◻ SUB-ASSEMBLY
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REQUIRED TOOLING
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1/16 HEX WRENCH
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3/32 HEX WRENCH
T6 TORX DRIVER
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**REVISION BLOCK**

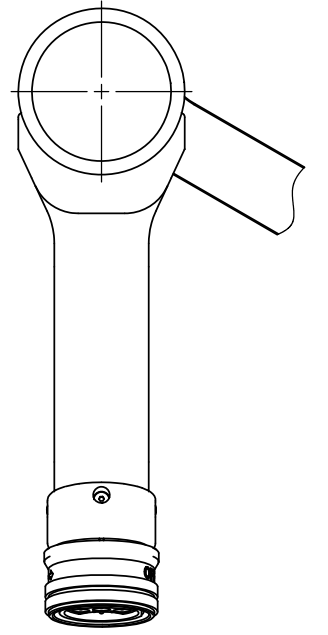
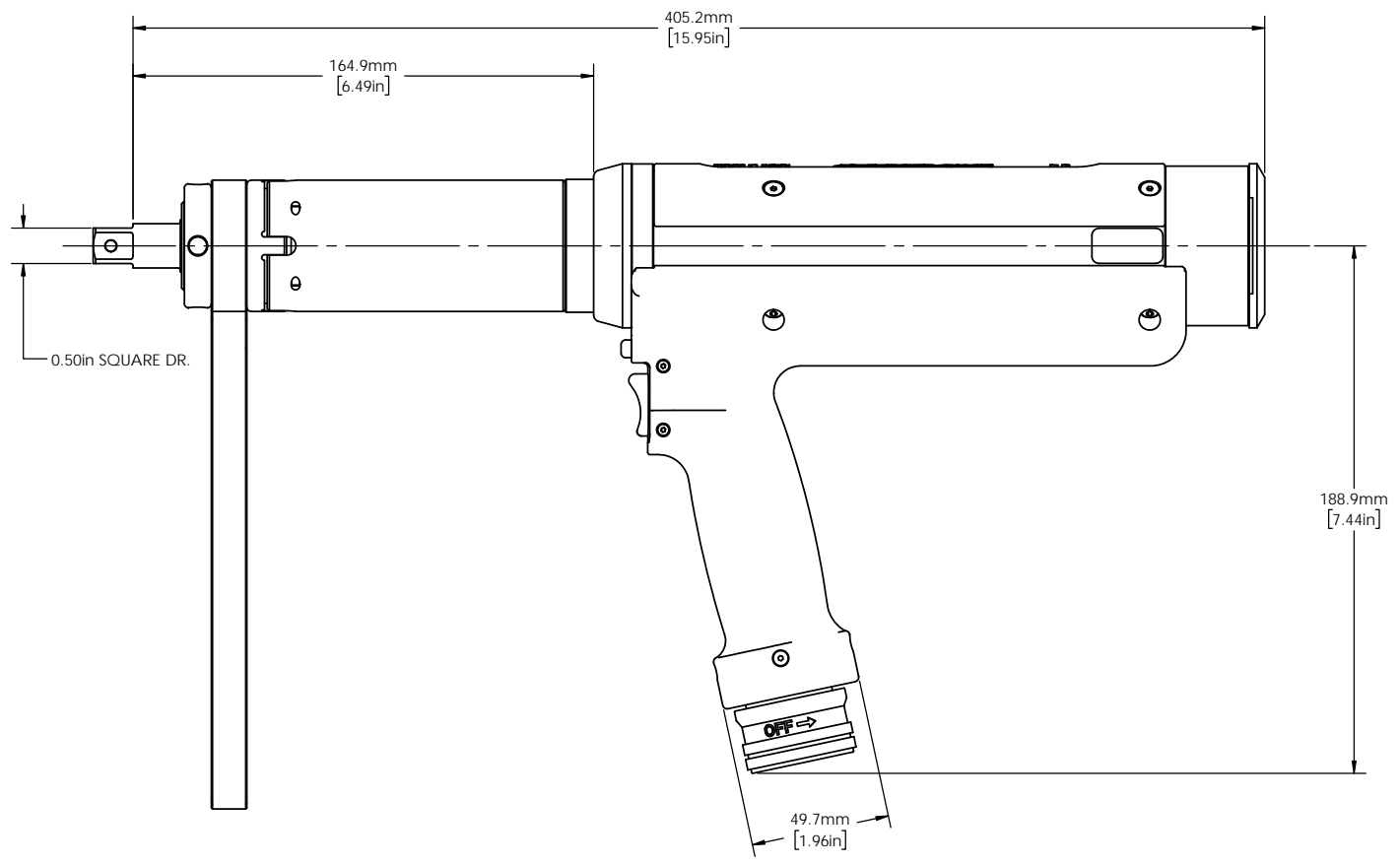
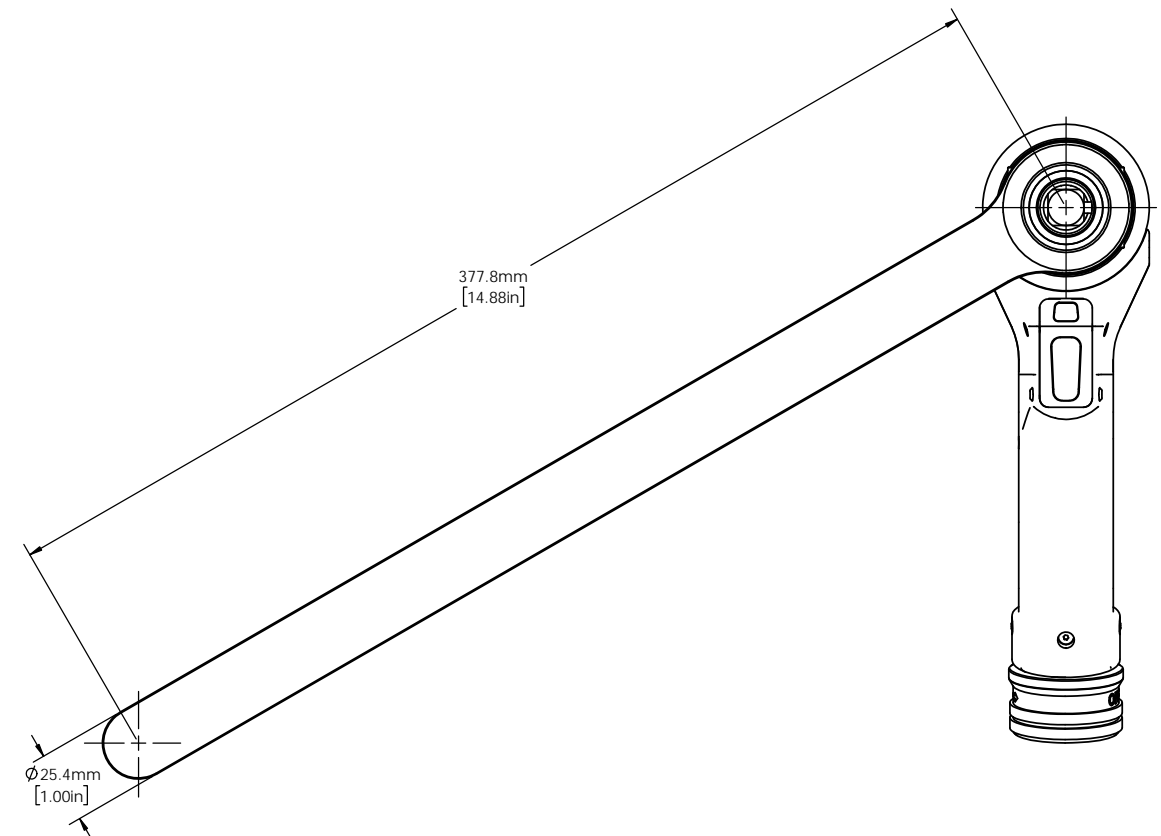
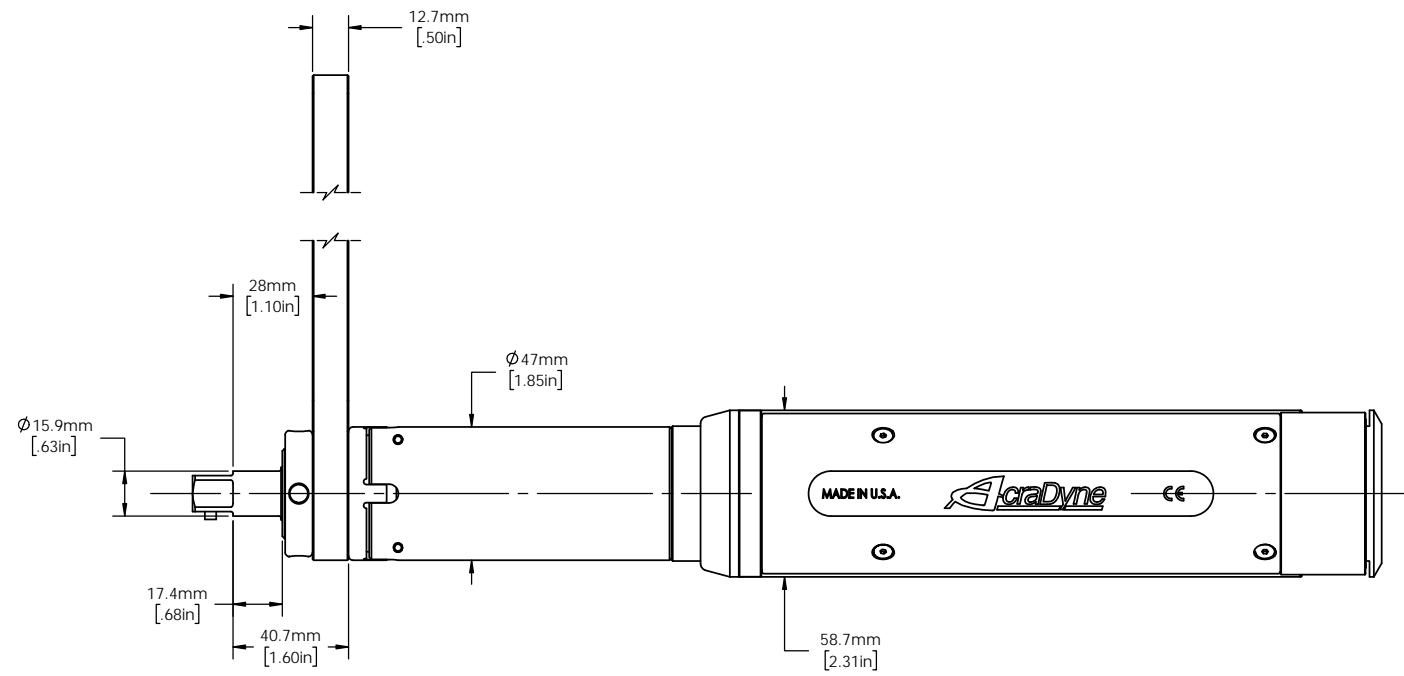
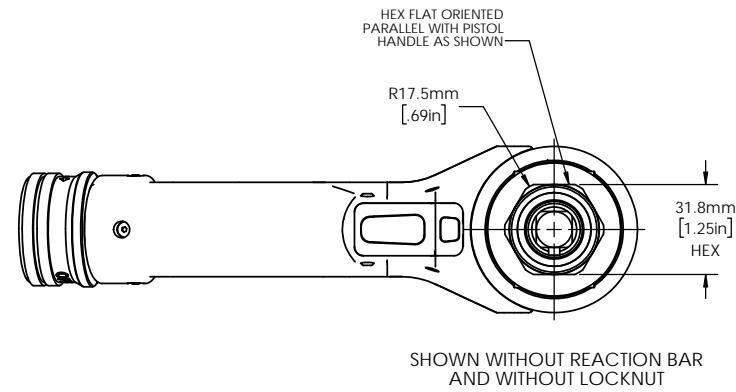
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES**  
 DIMENSIONS AND TOLERANCING PER ANSI Y14.5 SURFACE ROUGHNESS PER ANSI Y14.36

**BLOCK TOLERANCING PER DECIMAL:**  
 .X =  $\pm 0.030$  .XX =  $\pm 0.010$  .XXX =  $\pm 0.005$  .XXXX =  $\pm 0.0005$   
 ANGLE =  $10^{\circ} 30'$

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

**DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:**  
 ACRADYNE MECHANICAL ENGINEERING

<b>AEP35__A__ PISTOL NUTRUNNER</b> 5000 SERIES, GEN 3		
SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEP35__A__</b>	<b>J</b>
SCALE 3:4	DO NOT SCALE DRAWING	SHEET 2 OF 4



MODEL NO.	AEP35075AV
	AEP35090AV
	AEP35110AV
	AEP35135AV
	AEP35170AV
CATALOG NO.	AEP35075AV
	AEP35090AV
	AEP35110AV
	AEP35135AV
	AEP35170AV



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 DIMENSIONS AND TOLERANCING PER ANSI Y14.5  
 SURFACE ROUGHNESS PER ANSI Y14.36

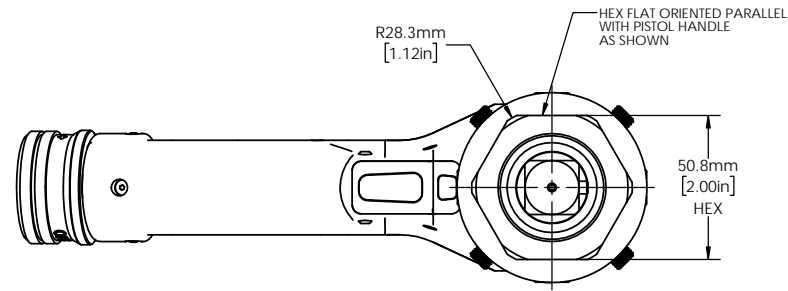
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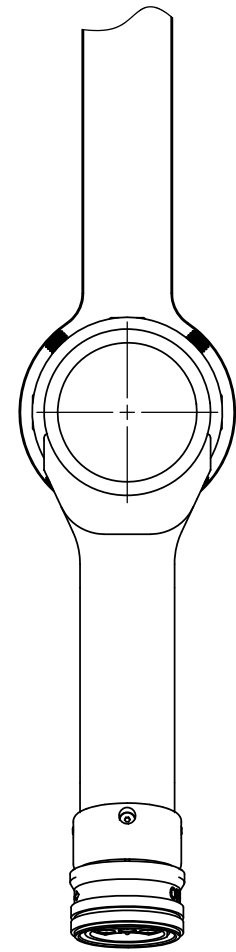
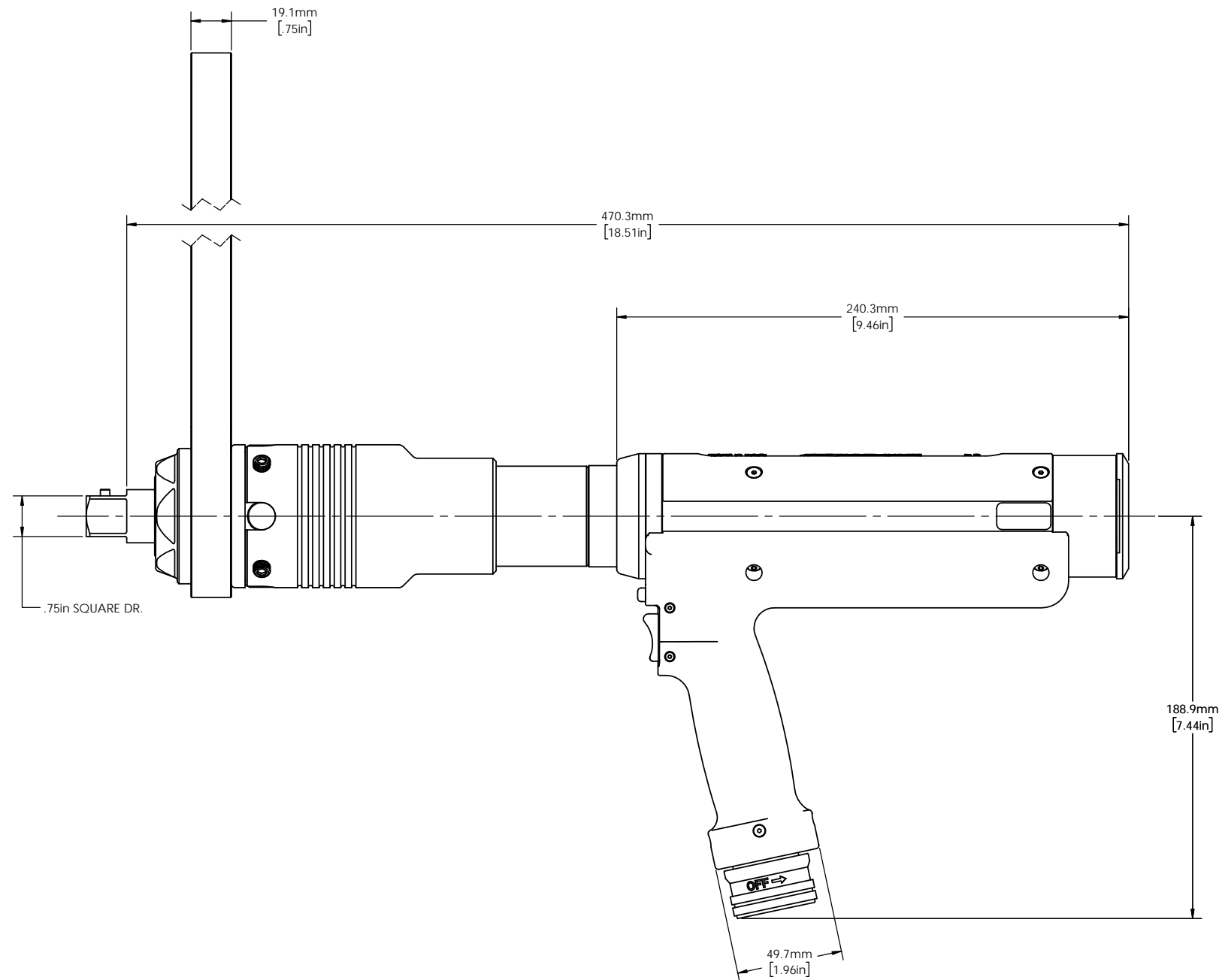
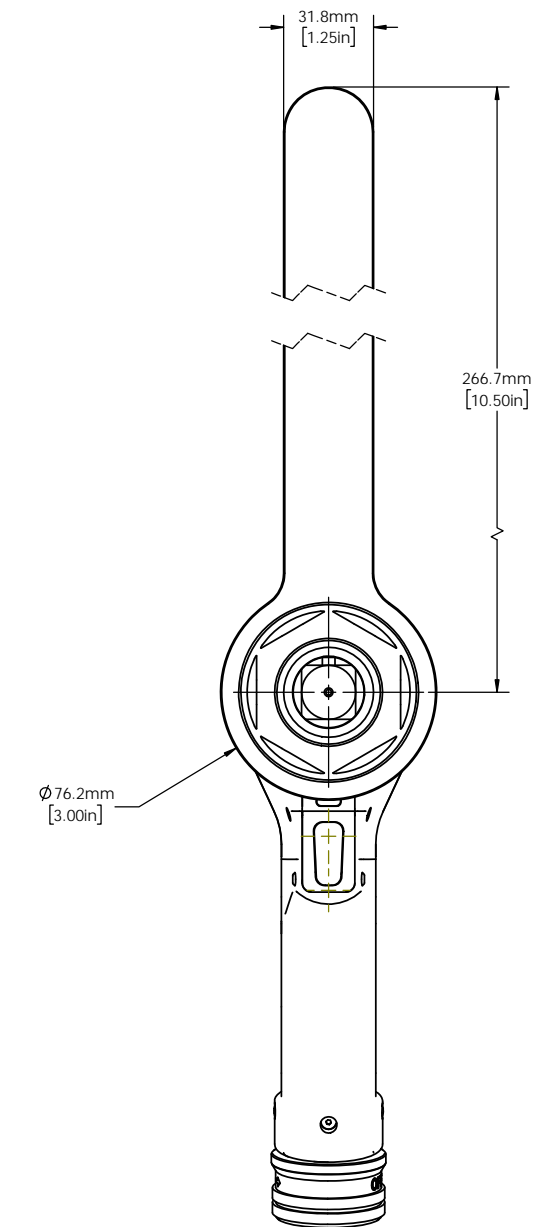
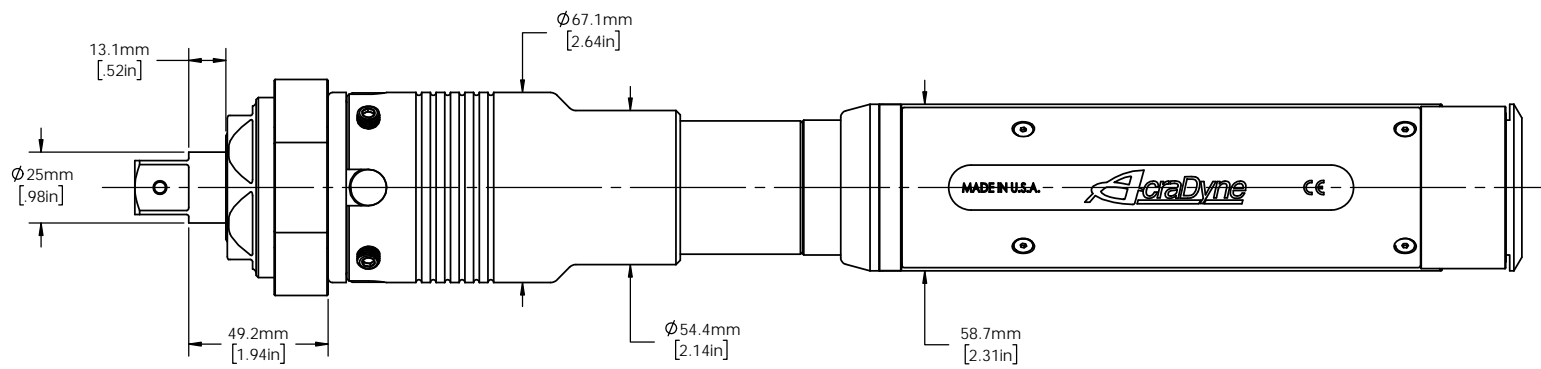
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**AEP35\_\_A\_\_**  
**TOOL OUTLINE**  
 5000 SERIES, GEN 3

SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEP35__A__</b>	<b>J</b>
SCALE: 3:4	DO NOT SCALE DRAWING	SHEET 3 OF 4



SHOWN WITHOUT REACTION BAR AND WITHOUT LOCKNUT



CATALOG NO.	MODEL NO.
	AEP35280A
	AEP35350A
	AEP35420A
	AEP35515A
AEP35635A	

10000 SE PINE STREET  
PORTLAND, OREGON 97216  
503.254.6600

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**ACRADYNE MECHANICAL ENGINEERING**

<b>AEP35__A__ TOOL OUTLINE</b>		
5000 SERIES, GEN 3		
SIZE <b>D</b>	PART / DRAWING NUMBER <b>AEP35__A__</b>	REVISION <b>J</b>
SCALE 3:4	DO NOT SCALE DRAWING	SHEET 4 OF 4