

**GROUND WIRE ATTACHMENT DETAILS**

MODEL NO.	GEARBOX ASM.
AEP4A884200B	28112
AEP4A884200B1	28113
AEP4A885000B	28112
AEP4A885000B1	28113

COMMENTS	ITEM	PART NUMBER	QTY.	DESCRIPTION
	1	26160	1	MOTOR ASM.
	2	27714	1	O-RING 3" ID
	3	24840	1	FOIL SEAL 2" DIA
	4	25490	2	LENS, LED, INJECTION MOLDED
	5	27796	1	TID BOARD, POPULATED W/AMP CIRCUIT
	6	29335	4	STANDOFF, M-F, 4-40 X 3/16, SS
	7	29338	1	TID WIRE INSULATOR
	8	29337	3	STANDOFF, M-F, 4-40 X 1/8, SS
	9	25573	8	SCREW PHP 4-40 X 3/16 18-8 SS
	10	SEE CHART	1	GEAR BOX ASM.
	11	29279	3	SCREW, BHSC, 10-32 x 3/8, TORX HEAD, NYLON PELL-IT, STEEL
	12	25234	1	HANDLE, HT TOOLS PISTOL
	13	25505	1	TOOL CONNECTOR ASM HERC PISTOL
	14	25212	1	SWITCH SUB-ASSEMBLY
NOT SHOWN	15	25582	1	TRIGGER CABLE
	16	24838	1	TRANSDUCER CABLE CHASE
	17	25569	6	SCREW LHCS 10-32 X 3/8 18-8 SS
	18	25233	1	TRAY, WIRE, HT TOOLS PISTOL
	19	25570	2	SCREW SHCS 4-40 X 1/4 18-8 SS
	20	25284	1	HT TOOL TRANSDUCER SLEEVE
NOT SHOWN	21	28257	A/R	CABLE TIE, 1.65MM W X 71MM LG.
	22	29284	3	SCREW, BHSC, 10-32 X 1/2, TORX HEAD, NYLON PELL-IT, STEEL
	23	25564	3	WASHER SHIM .093THK .25ID .375OD
	24	28211	1	(4) LINE MALE/FEMALE JUMPER ASM.
	25	25218	3	SCREW, BHSC, 6-32 X 5/16, SS
	26	25230	1	END CAP
	27	25568	4	SHC 10-32 x 1.25 BLK OXIDE
	28	25579	1	PLUG 3/8"
	29	26898	1	CHOOSE REACTION BAR
	31	31412	1	GROUND WIRE ASSEMBLY, 18 AWG, 8000 & 9000 HT SERIES
NOT SHOWN	32	24177	A/R	RTV 108, TRANSLUCENT SILICONE
	33	25271	A/R	SHIM, -.002
	34	25272	A/R	SHIM, -.005
	35	25273	A/R	SHIM, -.010

- ◆ 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

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10000 SE PINE STREET  
 PORTLAND, OREGON 97216  
 503.254.6600

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'

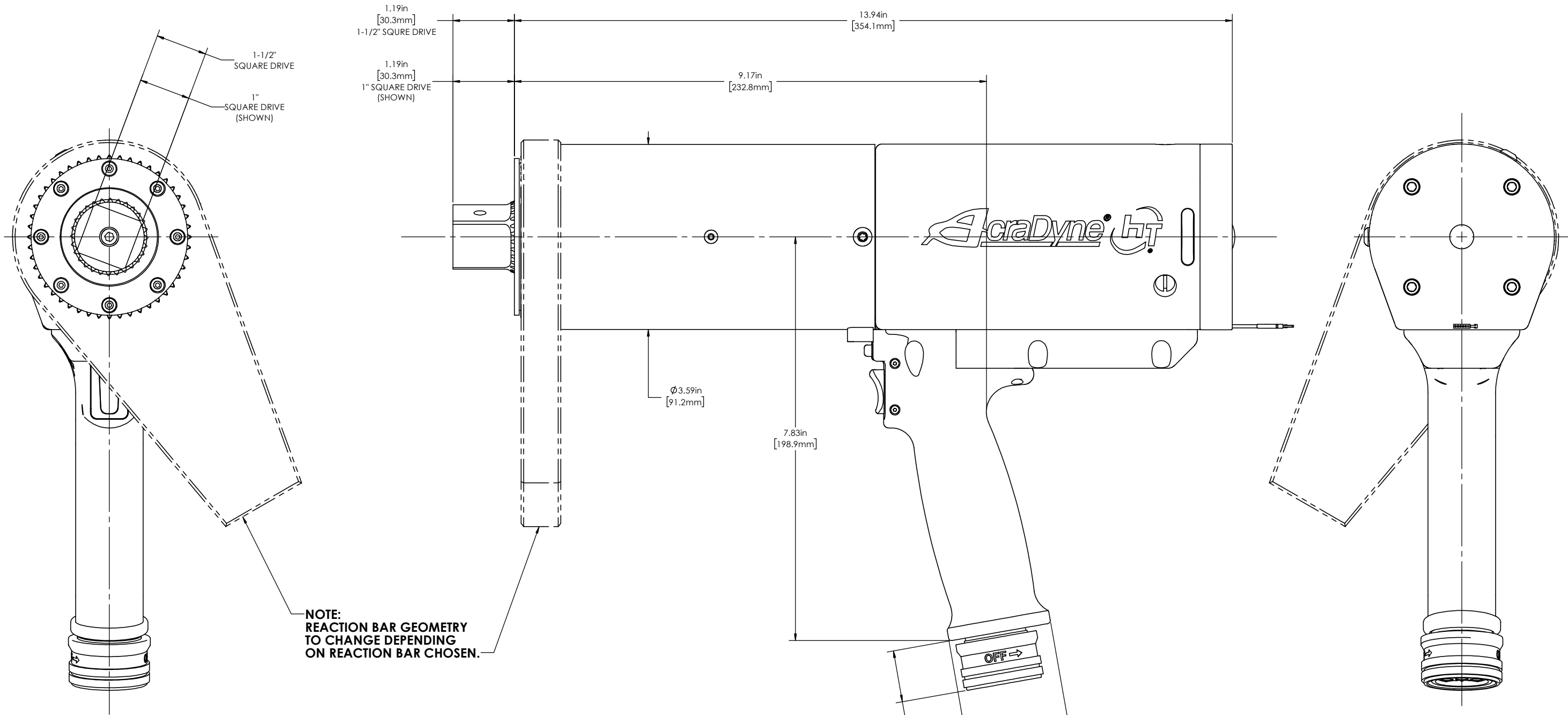
REMOVE BURRS AND SHARP EDGES: R.015 MAX MACHINE SURFACE FINISH: 125 RMS OR BETTER

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

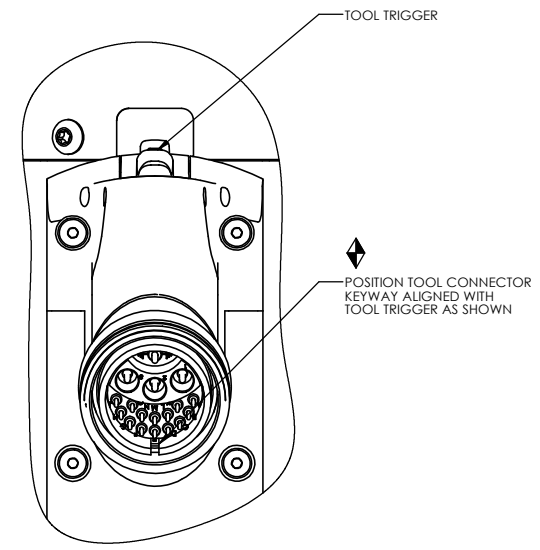
**AEP4A88 B PISTOL NUTRUNNER 8000 SERIES**

SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEP4A88 B</b>	<b>E</b>

SCALE: 2:3 DO NOT SCALE DRAWING SHEET 1 OF 2



MODEL NO.	SQUARE DRIVE
AEP4A884200B	1-1/2"
AEP4A884200B1	1"
AEP4A885000B	1-1/2"
AEP4A885000B1	1"



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL
<b>REVISION BLOCK</b>				

**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**

<b>PISTOL NUTRUNNER 8000 SERIES</b>		
SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEP4A88</b>	<b>B E</b>
SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 2 OF 2