

GROUND WIRE ATTACHMENT DETAILS

END CAP AND TOOL CONNECTOR  
REMOVED FOR CLARITY

COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	26481	1	MOTOR ASM.
	2	26297	1	TRAY, WIRE, "D" & LEVER HANDLE
	3	31568	1	MOTOR COUPLER, HT ANGLE TOOL
	4	26299	2	O-RING, PINION
	5	31686	1	ANGLEHEAD ASM., HT 6000 SERIES
	6	25574	4	STANDOFF M-F, 4-40x1/4, 3/16 HEX, SS
	7	27727	1	TID BOARD, POPULATED W/AMP
	8	29337	3	STANDOFF, M-F, 4-40 X 1/8, SS
	9	29336	1	TID BOARD WIRE INSULATOR
	10	26487	1	O-RING, LED COVER
	11	20534	1	LABEL, SERIAL/MODEL NUMBER
	12	26483	1	LED COVER
	13	25573	8	SCREW PHP 4-40 X 3/16 18-8 SS
	14	26462	1	END CAP, "J" HANDLE
	15	27401	4	SCREW, BHSC 10-32 X 1.25, STEEL, BLK OXIDE
	16	26280	1	TOOL CONNECTOR ASM., "J" HANDLE
	17	25745	4	SCREW, BHSC 4-40 STEEL, BLACK OXIDE
	18	31801	7	SCREW, BHSC 10-32 X .375, STAINLESS STEEL, BLK OXIDE
	19	29285	12	SCREW, BHSC, 8-32 x .38, TORX HEAD, NYLON PELL-IT, BLK OXIDE
	20	SEE CHART	1	GEARBOX ASM., 6000-SERIES
	21	31685	1	TRANSDUCER WIRE COVER, HT ANGLE TOOL, 6000-SERIES
	22	26167	2	SCREW, SHC, 6-32 X 5/8, STEEL
	23	28211	1	(4) LINE MALE/FEMALE JUMPER ASM.
	24	31410	1	GROUND WIRE ASSEMBLY, 18 AWG, 6000 & 7000 HT SERIES
	25	26319	3	SCREW, BHSC 6-32 X .188, 18-8 SS
	26	26495	1	GEAR CASE COVER
	27	26896	1	CHOOSE REACTION BAR
	28	26514	1	RETAINING RING, SPIRAL, Ø2.441 X Ø2.105 X .078
NOT SHOWN	29	28257	A/R	CABLE TIE, 1.65MM WIDE X 71MM LG.

TOOL MODEL	GEAR BOX ASM.
AEF4N66250B	28658
AEF4N66425B	28798
AEF4N66625B	28108
AEF4N66925B	28109

- ◆ 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) 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

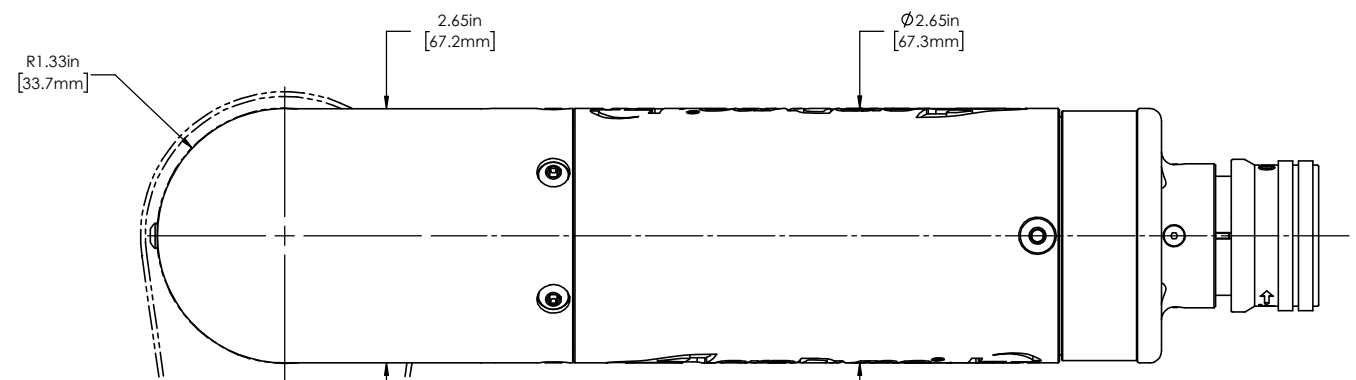
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**ACRADYNE MECHANICAL ENGINEERING**

**FIXTURED ANGLE NUTRUNNER 6000-SERIES**

SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEF4N66__B</b>	<b>A</b>

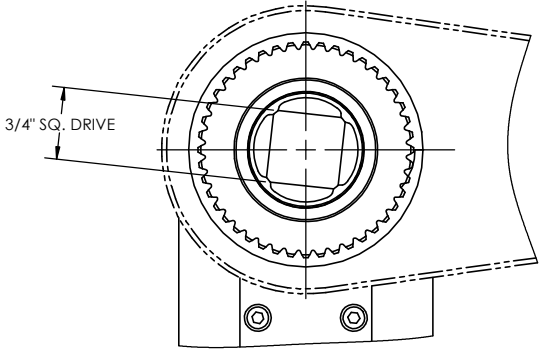
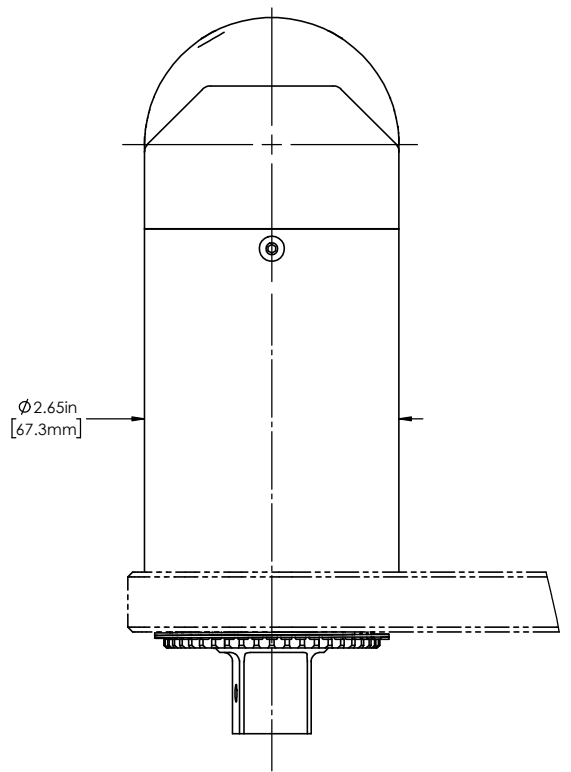
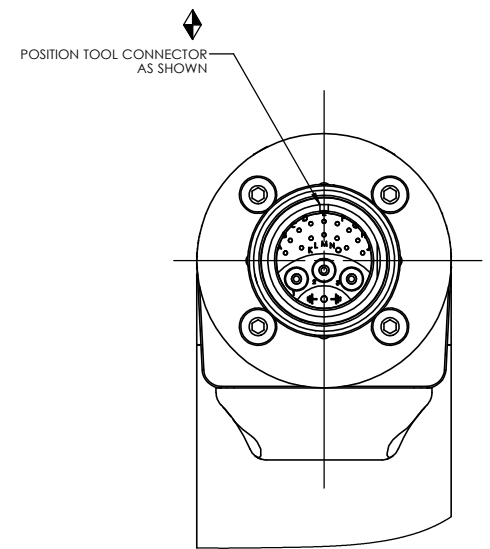
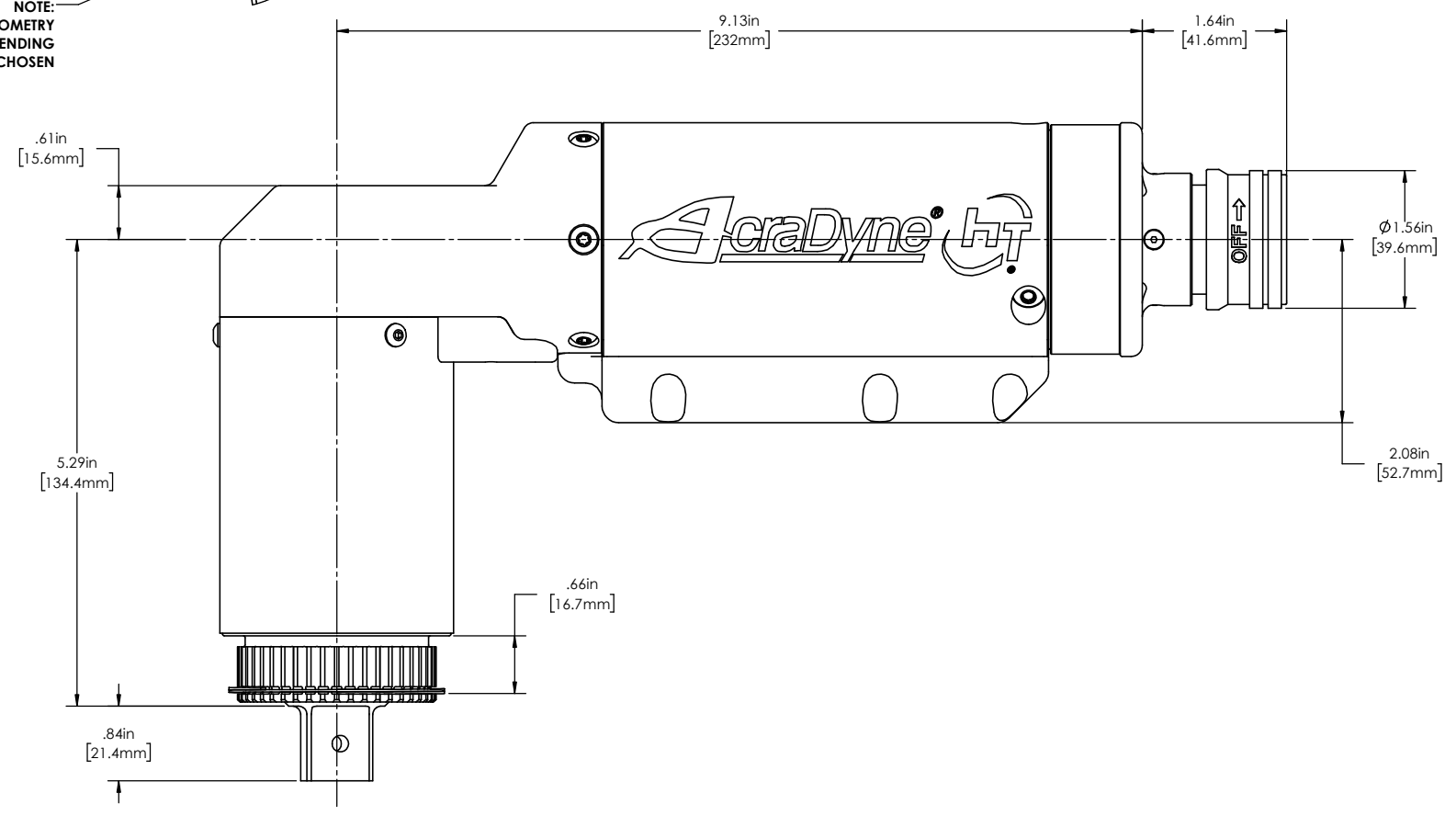
SCALE: 2:3 DO NOT SCALE DRAWING SHEET 1 OF 2

8 7 6 5 4 3 2 1



MODEL NO.
AEF4N66250B
AEF4N66425B
AEF4N66625B
AEF4N66925B

NOTE:  
REACTION BAR GEOMETRY  
TO CHANGE DEPENDING  
ON REACTION BAR CHOSEN



REACTION BAR REMOVED  
FOR CLARITY



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SIZE	PART / DRAWING NUMBER	REVISION
<b>D</b>	<b>AEF4N66_B</b>	<b>A</b>
SCALE: 1:2	DO NOT SCALE DRAWING	SHEET 2 OF 2

8 7 6 5 4 3 2 1