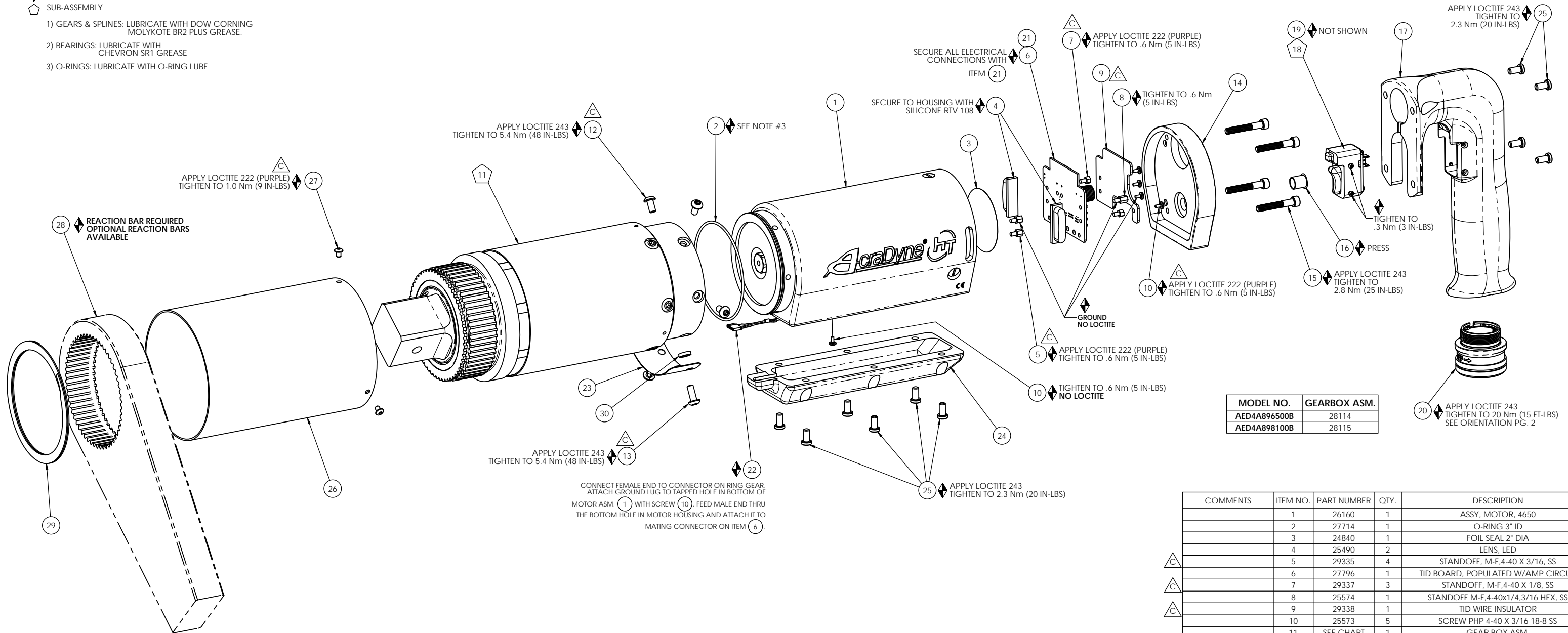


◆ ASSEMBLY INSTRUCTIONS

◇ 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



MODEL NO.	GEARBOX ASM.
AED4A896500B	28114
AED4A898100B	28115

COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	26160	1	ASSY, MOTOR, 4650
	2	27714	1	O-RING 3" ID
	3	24840	1	FOIL SEAL 2" DIA
	4	25490	2	LENS, LED
△	5	29335	4	STANDOFF, M-F, 4-40 X 3/16, SS
	6	27796	1	TID BOARD, POPULATED W/AMP CIRCUIT
△	7	29337	3	STANDOFF, M-F, 4-40 X 1/8, SS
	8	25574	1	STANDOFF M-F, 4-40x1/4, 3/16 HEX, SS
△	9	29338	1	TID WIRE INSULATOR
	10	25573	5	SCREW PHP 4-40 X 3/16 18-8 SS
	11	SEE CHART	1	GEAR BOX ASM.
△	12	29279	4	SCREW, BHSC, TORX, 10-32 x 3/8, STEEL
△	13	29284	2	SCREW, BHSC, TORX, 10-32 X 1/2, STEEL
	14	25225	1	END GRIP CAP, HT TOOLS
	15	25568	4	SHC 10-32 x 1.25 BLK OXIDE
	16	25579	1	PLUG 3/8"
	17	25229	1	AXIAL HANDLE, HT TOOLS
	18	25212	1	SWITCH SUB-ASSEMBLY
	NOT SHOWN	25582	1	TRIGGER CABLE
	20	25505	1	TOOL CONNECTOR ASM HERC PISTOL
NOT SHOWN	21	28257	A/R	CABLE TIE, 1.65MM W X 71MM LG
	22	28211	1	(4) LINE MALE/FEMALE JUMPER ASM.
	23	28230	1	RING GEAR SLEEVE, NON-CLUTCHED, 8100Nm
	24	25231	1	TRAY, WIRE, END GRIP
	25	25569	10	SCREW LHCS 10-32 X 3/8 18-8 SS
	26	26636	1	GEAR CASE COVER
	27	26319	3	SCREW, BHSC 6-32 X .188, 18-8 SS
	28	26899	1	CHOOSE REACTION BAR
	29	26436	1	RETAINING RING, SPIRAL, Ø3.833 X Ø3.293 X .111
	30	25564	2	WASHER SHIM .093THK .25ID .375OD



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 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'

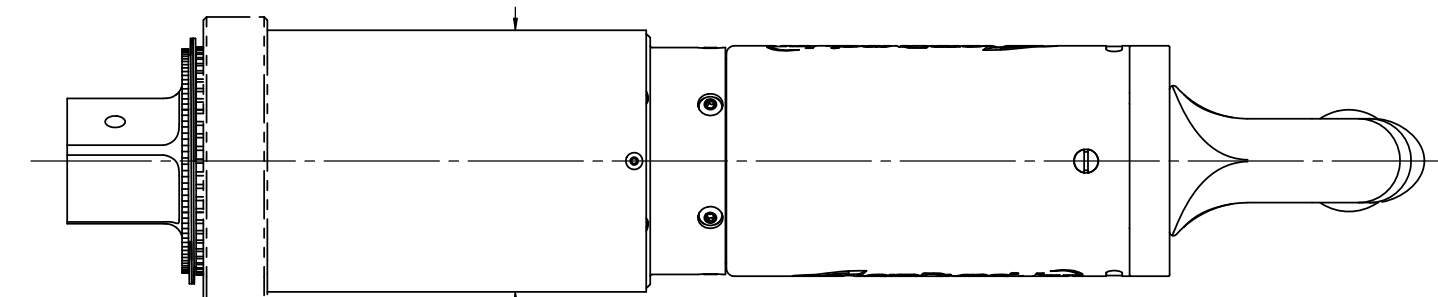
REMOVE BURRS AND SHARP EDGES: R.015 MAX MACHINE SURFACE FINISH: 125 RMS OR BETTER

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

**AED4A89\_\_B**  
**"D" HANDLE NUTRUNNER**  
 8000 SERIES

SIZE <b>D</b>	PART / DRAWING NUMBER <b>AED4A89__B</b>	REVISION <b>C</b>
SCALE 2:3	DO NOT SCALE DRAWING	SHEET 1 OF 2

REVISION BLOCK



Ø103.8mm  
[4.09in]

REACTION BAR GEOMETRY  
TO CHANGE DEPENDING  
ON REACTION BAR CHOSEN

45.6mm  
[1.80in]

216mm  
[8.51in]

391.9mm  
[15.43in]

95.8mm  
[3.77in]

33.8mm  
[1.33in]

28.3mm  
[1.11in]

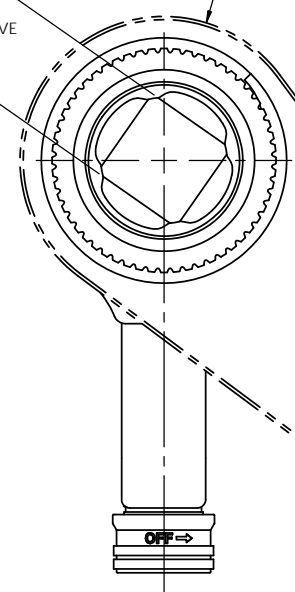
REACTION BAR REMOVED  
FOR CLARITY

64.8mm  
[2.55in]

137.9mm  
[5.43in]

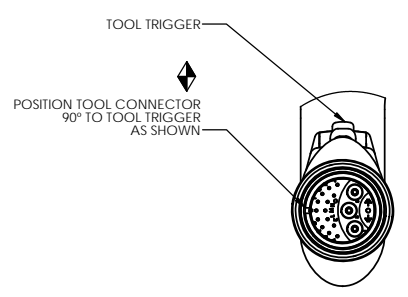
25.7mm  
[1.01in]

1 1/2"  
SQUARE DRIVE



AcraDyne LT

MODEL NO.
AED4A896500B
AED4A898100B



AIMCO  
AcraDyne  
10000 SE PINE STREET  
PORTLAND, OREGON 97216  
503.254.6600

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REVISION BLOCK	
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**"D" HANDLE NUTRUNNER  
8000 SERIES**

SIZE	PART / DRAWING NUMBER	REVISION
D	AED4A89_ _ _ B	C

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