

MODEL NO.	GEAR BOX ASM
AES4A66250B	28658
AES4A66425B	28798
AES4A66625B	28108
AES4A66925B	28109

ASSEMBLY INSTRUCTIONS

SUB-ASSEMBLY

(31)

1) GEARS & SPLINES: LUBRICATE WITH DOW CORNING MOLYKOTE BR2 PLUS GREASE.

CONNECT FEMALE END TO CONNECTOR ON RING GEAR. ATTACH GROUND LUG TO TAPPED HOLE IN BOTTOM OF

MOTOR ASM. (1) WITH SCREW (5). FEED MALE END

THRU THE BOTTOM HOLE IN MOTOR HOUSING AND ATTACH IT TO MATING CONNECTOR ON ITEM (3).

APPLY LOCTITE 243 TIGHTEN TO 2.3 Nm (20 IN-LBS)

2) BEARINGS: LUBRICATE WITH
CHEVRON SR1 GREASE

3) O-RINGS: LUBRICATE WITH O-RING LUBE



TIGHTEN TO .6Nm (5 IN-LBS)
NO LOCTITE

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LOCTITE

24 APPLY LOCTITE 222 TIGHTEN TO 1 Nm (9 IN-LBS)

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

INLINE NUTRUNNER
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2 DO NOT SCALE DRAWING SHEET 1 OF 2

REVISION

