



NOTES:

- MATERIAL: EXISTING RETAINER.
- ADD OR MODIFY FEATURES SHOWN
- CRACK TESTING: MAGNETIC PARTICLE TESTING OR DYE PENETRANT TEST GROUND SURFACES TO ISO 6336-5 (ALT: AGMA 2001-D04- GRADE 3)

MADE FROM MODEL: 1509-HG-009-D

REV	CHANGED FROM	BY	DATE	APRD
E	CHANGES PER NREL DRW REVIEW	CPS	3/15/13	
F	FINAL REVIEW AND RELEASE FOR PRODUCTION	CPS	4/22/13	
G	REPAIR DANGLING DIMENSION LEADERS	JMG	10/17/13	
H	REMOVAL OF MACHINING FOR BEARING ASSEMBLY, TIGHTER TOLERANCE FOR STANDOFF RIB, AND DATUM B MACHINING REQUIRED	CPG	11/27/13	
I	ADDED DRAIN FEATURES OF EXISTING PART	CPG	3/19/14	
J	SPOT FACES ADDED	GT	3/24/16	

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES:
 DECIMALS: FINISH: ANGLES:
 X. ± 1.0 $6.3 \sqrt{\mu m Ra}$ $\leq \pm 0.5^\circ$
 .X ± 0.5
 .XX ± 0.25
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 NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY
 DRAWN JFC DATE: 8/24/12
 CHECKED NJB THIRD ANGLE PRJ

National Renewable Energy Laboratory
 TITLE: FRONT BEARING COVER
 SIZE **B** DWG. NO. 254502 REV **J**
 SCALE: 1:5 WEIGHT: 7.27 kgs SHEET 1 OF 1