



- NOTES:
- MATERIAL: EXISTING FRONT TORQUE HOUSING 251402 Rev B USE EV-EZ FOR EXISTING DATUMS.
 - ALIGN TO EXISTING DATUMS AND MACHINE NEW DATUM B.
 - ADD HOLES AND DRAINS AS SHOWN. MODIFY RIBS AT C-C
 - PROFILE MAY ALREADY EXIST: IF SO MEASURE AND ADVISE
 - INSTRUMENTATION TO BE COMPLETED PRIOR TO ASSEMBLY PER LAYOUT DRAWINGS 1551-LY-511 AND 1551-LY-512

REV	CHANGED FROM	BY	DATE	APRD
C	REVIEWED & UPDATED PER 1509-ENC-004 IF REQUIRED	CPS	1/18/13	
D	CHANGE PER 1509-ENC-007. ADDED EXISTING DATUMS AS "E*" CHANGE M24 C'BORES TO Ø55. UPDATE BORDER	CPS	2/7/13	
E	CHANGES PER CUSTOMER REVIEW: RELEASE FOR PRODUCTION	CPS	4/9/13	
F	REPAIR DANGLING DIMENSION LEADERS, NOTES	JMG	10/18/13	
G	INSTRUMENTATION NOTE AND SECTION C-C CLARIFICATION	CPG	3/18/14	
H	COUNTERBORE DIAMETER UPDATED TO 55MM	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 $\sqrt{\mu\text{m Ra}}$ $\leq \pm 0.5^\circ$

.X ±0.5

.XX ±0.25

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DRAWN JFC DATE: 8/28/12

CHECKED NJB THIRD ANGLE PRJ

MODEL MADE FROM 1509-HG-003-D

National Renewable Energy Laboratory

TITLE: GEAR HOUSING ASS'Y

SIZE **B** DWG. NO. 254506 REV **H**

SCALE: 1:12 WEIGHT: 561.56 kgs SHEET 1 OF 2

REPORT ERRORS & CHANGES REMOVE ALL BURRS AND SHARP EDGES DIMENSIONS ARE IN MILLIMETERS. UNSPECIFIED TOLERANCES: DECIMALS: FINISH: ANGLES:			National Renewable Energy Laboratory		
X. ±1.0 .X ±0.5 .XX ±0.25					
6.3 $\sqrt{\mu\text{m Ra}}$			ANGLES: $\angle \pm 0.5^\circ$		
COPYRIGHT © NOT TO BE REPRODUCED OR USED TO MAKE OTHER DRAWINGS OR MACHINERY			SIZE B	DWG. NO. 254506	REV H
DRAWN CHECKED	JFC NJB	DATE: 8/28/12 THIRD ANGLE PRJ	SCALE: 1:8	WEIGHT: 561.56 kgs	SHEET 2 OF 2