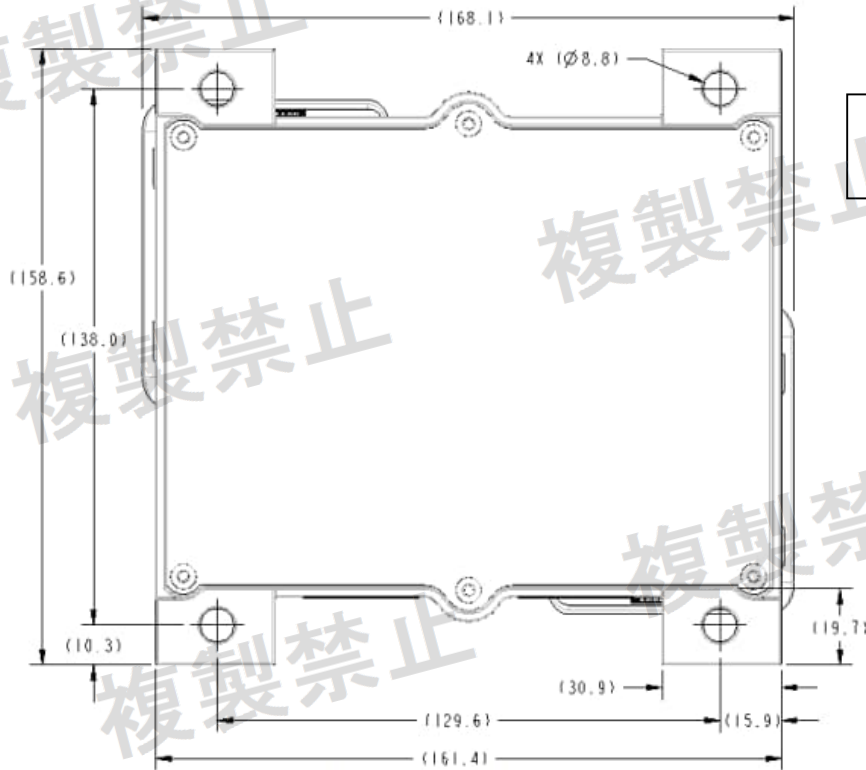
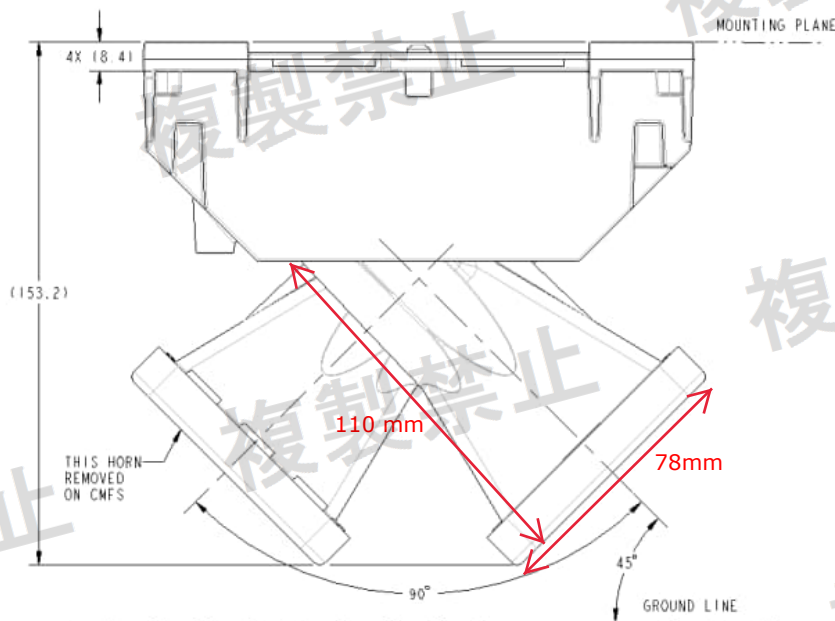




JOHN DEERE

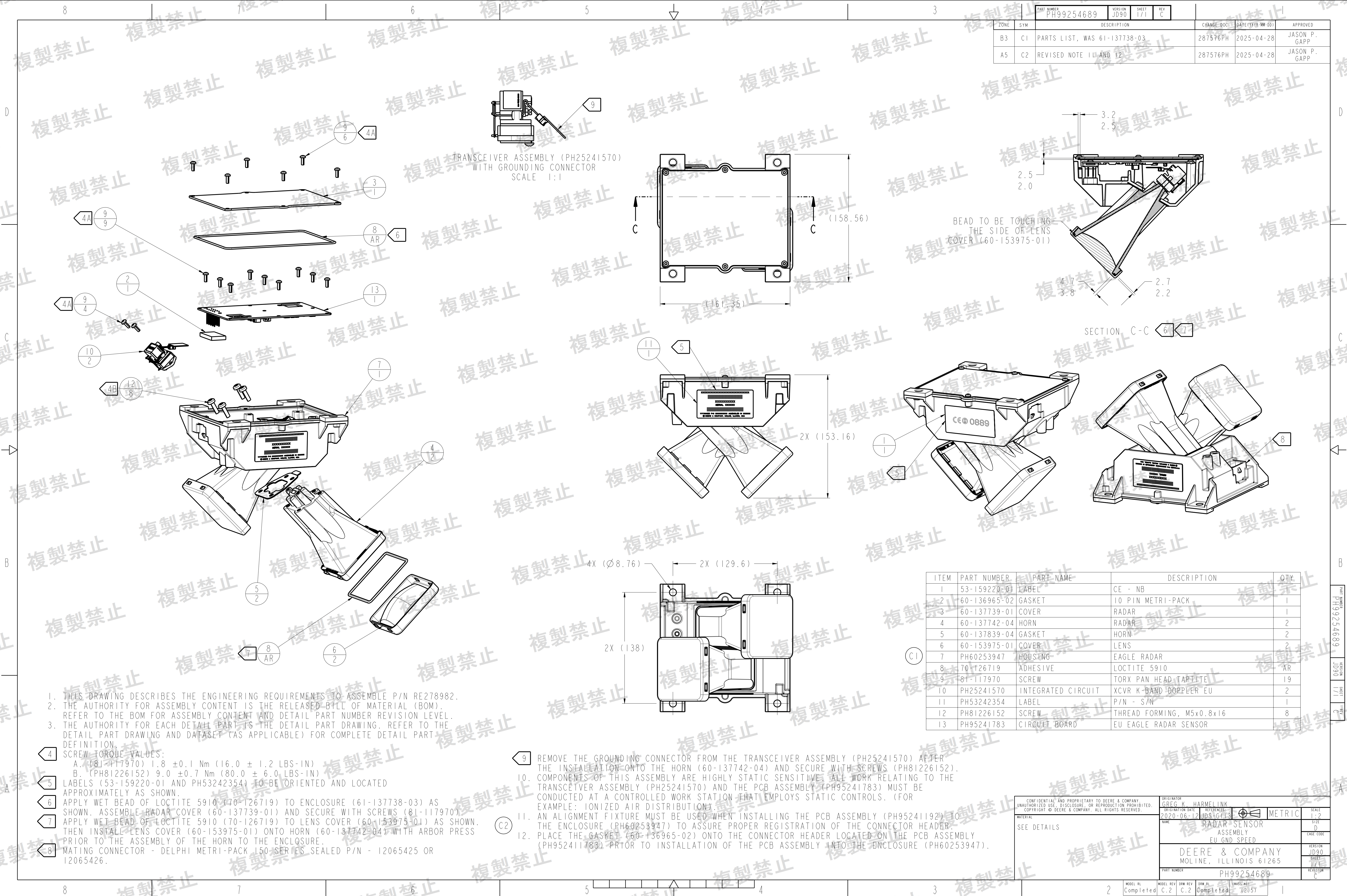


TOP VIEW GROUND SPEED CONFIGURATION



SIDE VIEW GROUND SPEED CONFIGURATION

PART NUMBER		PH9254689	VERSION	JD90	SHEET	1/1	REV	C
ZONE	SYM	DESCRIPTION			CHANGE DOC	DATE (YYYY-MM-DD)	APPROVED	
B3	C1	PARTS LIST, WAS 61-137738-03			287576PH	2025-04-28	JASON P. GAPP	
A5	C2	REVISED NOTE 11 AND 12			287576PH	2025-04-28	JASON P. GAPP	

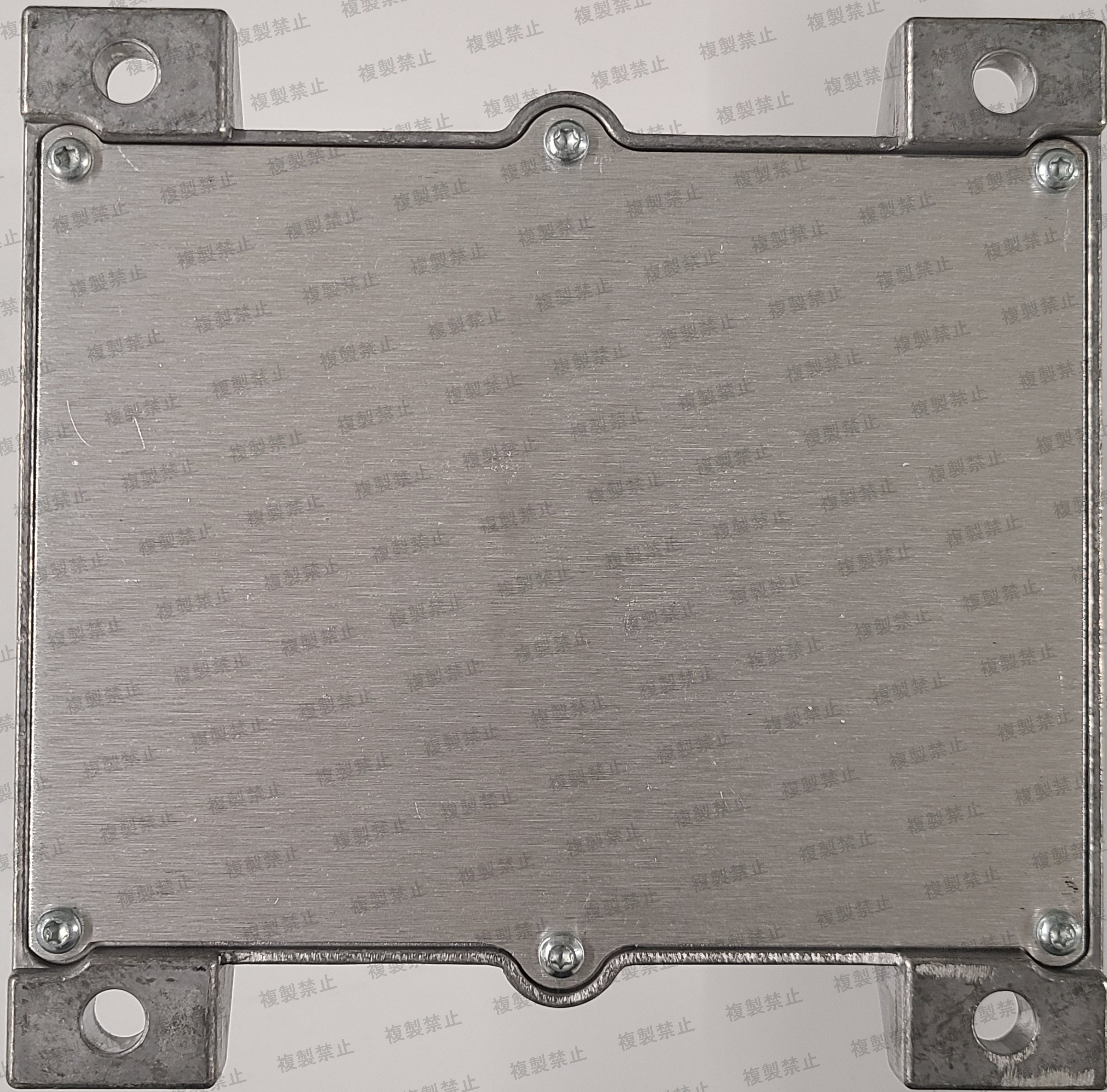


- THIS DRAWING DESCRIBES THE ENGINEERING REQUIREMENTS TO ASSEMBLE P/N RE278982.
- THE AUTHORITY FOR ASSEMBLY CONTENT IS THE RELEASED BILL OF MATERIAL (BOM). REFER TO THE BOM FOR ASSEMBLY CONTENT AND DETAIL PART NUMBER REVISION LEVEL.
- THE AUTHORITY FOR EACH DETAIL PART IS THE DETAIL PART DRAWING. REFER TO THE DETAIL PART DRAWING AND DATASET (AS APPLICABLE) FOR COMPLETE DETAIL PART DEFINITION.
- SCREW TORQUE VALUES:
 - (81-117970) 1.8 ±0.1 Nm (16.0 ± 1.2 LBS-IN)
 - (PH81226152) 9.0 ±0.7 Nm (80.0 ± 6.0 LBS-IN)
- LABELS (53-159220-01 AND PH53242354) TO BE ORIENTED AND LOCATED APPROXIMATELY AS SHOWN.
- APPLY WET BEAD OF LOCTITE 5910 (70-126719) TO ENCLOSURE (61-137738-03) AS SHOWN. ASSEMBLE RADAR COVER (60-137739-01) AND SECURE WITH SCREWS (81-117970).
- APPLY WET BEAD OF LOCTITE 5910 (70-126719) TO LENS COVER (60-153975-01) AS SHOWN. THEN INSTALL LENS COVER (60-153975-01) ONTO HORN (60-137742-04) WITH ARBOR PRESS PRIOR TO THE ASSEMBLY OF THE HORN TO THE ENCLOSURE.
- MATING CONNECTOR - DELPHI METRI-PACK 150-SERIES SEALED P/N - 12065425 OR 12065426.

- REMOVE THE GROUNDING CONNECTOR FROM THE TRANSCEIVER ASSEMBLY (PH25241570) AFTER THE INSTALLATION ONTO THE HORN (60-137742-04) AND SECURE WITH SCREWS (PH81226152).
- COMPONENTS OF THIS ASSEMBLY ARE HIGHLY STATIC SENSITIVE. ALL WORK RELATING TO THE TRANSCEIVER ASSEMBLY (PH25241570) AND THE PCB ASSEMBLY (PH95241783) MUST BE CONDUCTED AT A CONTROLLED WORK STATION THAT EMPLOYS STATIC CONTROLS. (FOR EXAMPLE: IONIZED AIR DISTRIBUTION).
- AN ALIGNMENT FIXTURE MUST BE USED WHEN INSTALLING THE PCB ASSEMBLY (PH95241192) TO THE ENCLOSURE (PH60253947) TO ASSURE PROPER REGISTRATION OF THE CONNECTOR HEADER.
- PLACE THE GASKET (60-136965-02) ONTO THE CONNECTOR HEADER LOCATED ON THE PCB ASSEMBLY (PH952411783) PRIOR TO INSTALLATION OF THE PCB ASSEMBLY INTO THE ENCLOSURE (PH60253947).

ITEM	PART NUMBER	PART NAME	DESCRIPTION	QTY
1	53-159220-01	LABEL	CE - NB	1
2	60-136965-02	GASKET	10 PIN METRI-PACK	1
3	60-137739-01	COVER	RADAR	1
4	60-137742-04	HORN	RADAR	2
5	60-137839-04	GASKET	HORN	2
6	60-153975-01	COVER	LENS	2
7	PH60253947	HOUSING	EAGLE RADAR	1
8	70-126719	ADHESIVE	LOCTITE 5910	AR
9	81-117970	SCREW	TORX PAN HEAD TAPTITE	19
10	PH25241570	INTEGRATED CIRCUIT	XCVR K-BAND DOPPLER EU	2
11	PH53242354	LABEL	P/N - S/N	1
12	PH81226152	SCREW	THREAD FORMING, M5x0.8x16	8
13	PH95241783	CIRCUIT BOARD	EU EAGLE RADAR SENSOR	1

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MATERIAL SEE DETAILS		NAME RADAR SENSOR ASSEMBLY EU GND SPEED		SIZE D		CAGE CODE
		DEERE & COMPANY MOLINE, ILLINOIS 61265		VERSION JD90		SHEET 1/2
		PART NUMBER PH9254689		REVISION C		REV C
MODEL RL Completed		MODEL REV C.2		DRW REV C.2		IMAGES NOT Completed (2:57)









RADAR SENSOR, EU

PH85241786

SERIAL PFSX00L100021

20220606 P/N PH90241782 ASSEMBLED IN MEXICO

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