



DANGER

Danger of electrical shock, burns or death. Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.

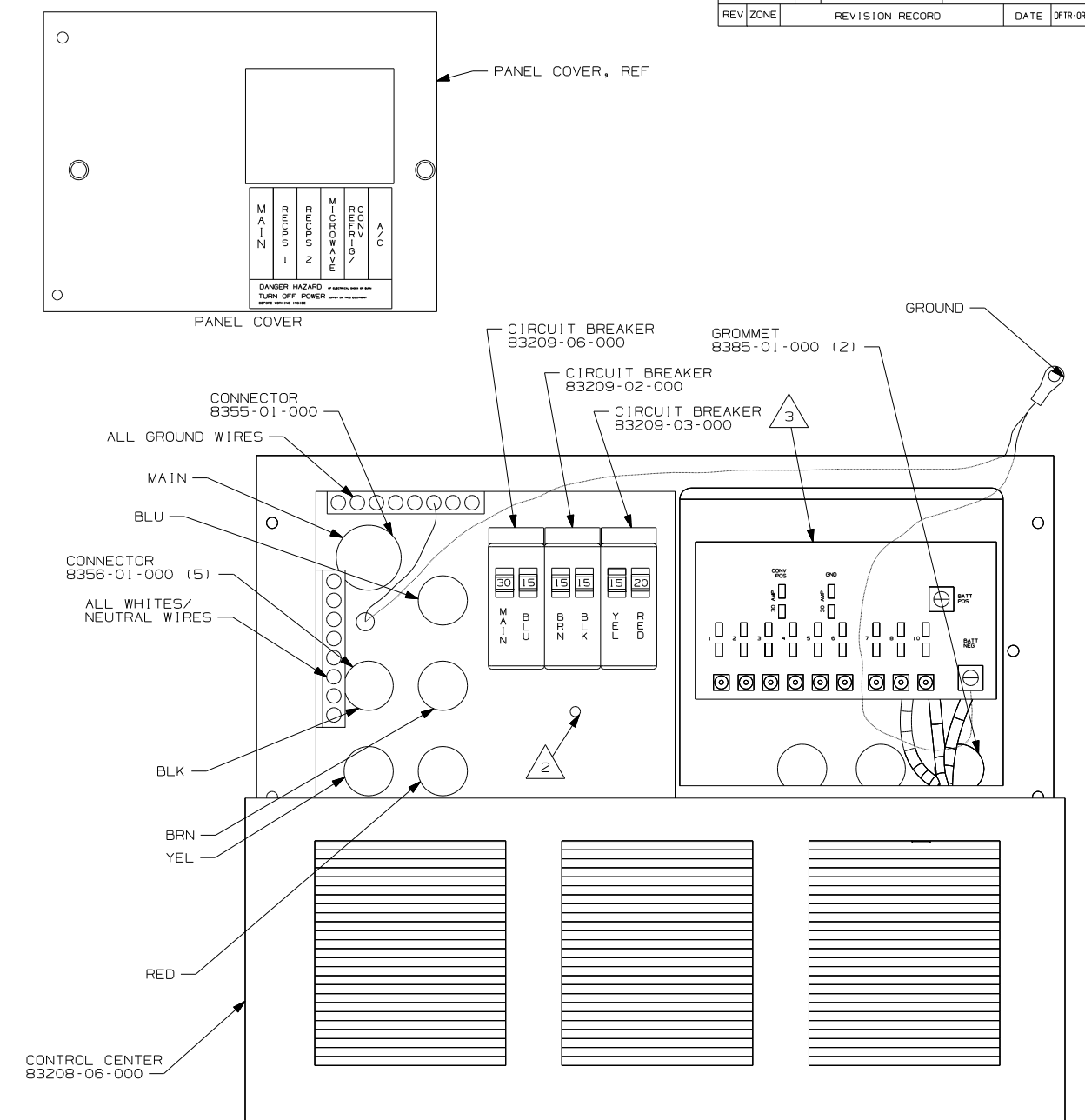


CAUTION

If you lack the skills, tools or equipment to perform diagnostic or repair work leave such work to an authorized Winnebago Industries dealer or other qualified shop.

		8	7	6	5	4	3	2	1
		D27C	D29R	D30B	D33L	D35N	D34A		
RED	12-UL	136135-07-039	136135-07-045	136135-07-040	136135-07-080	136135-07-045	136135-07-040		
	12-CA	136136-07-039	136136-07-045	136136-07-040	136136-07-080	136136-07-045	136136-07-040		
YEL	14 UL	136131-05-051 ⁴	136131-05-025	136131-05-019	136131-05-015	136131-05-025	136131-05-010		
	14 CA	136134-05-051 ⁴	136134-05-025	136134-05-019	136134-05-015	136134-05-025	136134-05-010		
YEL-2	14-UL	-----	-----	-----	136131-13-025	136131-13-025	136131-13-026		
	14-CA	-----	-----	-----	136134-13-025	136134-13-025	136134-13-026		
BLK	14 UL	136131-06-037	136131-06-015	136131-06-049	136131-06-045	136131-06-050	136131-06-070 ⁴		
	14 CA	136134-06-037	136134-06-015	136134-06-049	136134-06-045	136134-06-050	136134-06-070 ⁴		
BRN	14-UL	136131-03-051 ⁴	136131-03-091	136131-03-058 ⁴	136131-03-140	136131-03-120	136131-03-115		
	14-CA	136134-03-051 ⁴	136134-03-091	136134-03-058 ⁴	136134-03-140	136134-03-120	136134-03-115		
BLU	14-UL	136131-02-142	136131-02-156	136131-02-170	136131-02-100	136131-02-100	136131-02-145 ⁴		
	14-CA	136134-02-142	136134-02-156	136134-02-170	136134-02-100	136134-02-100	136134-02-145 ⁴		
MAIN	10-UL	136137-01-064	136137-01-060	136137-01-060	136137-01-065	136137-01-070	136137-01-059		
	10-CA	136138-01-064	136138-01-060	136138-01-060	136138-01-065	136138-01-070	136138-01-059		
GROUND	8-G	136145-02-018	136145-01-022	136145-02-020	136145-01-022	136145-01-022	136145-01-030		
GRN	12-UL	-----	-----	-----	136135-08-101	136135-08-045	136135-08-044		
	12-CA	-----	-----	-----	136136-08-101	136136-08-045	136136-08-044		
GRN-2	12-UL	-----	-----	-----	136135-14-065	136135-14-070	136135-14-063		
	12-CA	-----	-----	-----	136136-14-065	136136-14-070	136136-14-063		
GRN-3	12-UL	-----	-----	-----	136135-18-012	136135-18-012	136135-18-014		
	12-CA	-----	-----	-----	136136-18-012	136136-18-012	136136-18-014		
PUR	14-UL	-----	-----	-----	136131-04-080	136131-04-120	136131-04-041		
	14-CA	-----	-----	-----	136134-04-080	136134-04-120	136134-04-041		
BRN-2	14-UL	136131-19-065	-----	136131-19-080	-----	-----	-----		
	14-CA	136134-19-065	-----	136134-19-080	-----	-----	-----		
PUR-2	14-UL	-----	-----	-----	136131-12-080	-----	-----		
	14-CA	-----	-----	-----	136134-12-080	-----	-----		
SLIDEOUT WIRE #1		136151-03-040 ⁵	136151-06-030 ⁵	136151-03-037 ⁵	136151-04-037 ⁵	136151-03-032 ⁵	136151-06-029 ⁵		
SLIDEOUT WIRE #2		136151-05-040 ⁵	136151-03-032 ⁵	-----	-----	136151-04-017 ⁵	136151-03-024 ⁵		
SLIDEOUT WIRE #3		-----	-----	-----	-----	-----	136151-02-029 ⁵		
THROW IN WIRE #1	14-UL	-----	136131-06-020 ⁴	-----	136131-03-050 ⁴	136131-03-050 ⁴	136131-02-025 ⁴		
	14-CA	-----	136134-06-020 ⁴	-----	136134-03-050 ⁴	136134-03-050 ⁴	136134-02-025 ⁴		
THROW IN WIRE #2	14-UL	-----	-----	-----	-----	-----	136131-03-005 ⁴		
	14-CA	-----	-----	-----	-----	-----	136134-03-005 ⁴		
GENERATOR CABLE ASM	UL	-----	136137-01-032	-----	-----	-----	-----		
	CA	-----	136138-01-032	-----	-----	-----	-----		

- ⁵ SEE DETAIL DB FOR CONNECTOR INSTALLATION
⁴ SEE DETAIL DA FOR CONNECTOR INSTALLATION
³ SEE WIRING INSTL-BODY, 12V FOR ADDITIONAL INFORMATION.
² SECURE WIRES TO BACKSIDE OF LOAD CENTER WITH WIRE TIE 116673-01-000
1. ALL GROUNDS WIRES TO BE COVERED WITH TUBING 8041-02-000.
NOTES:

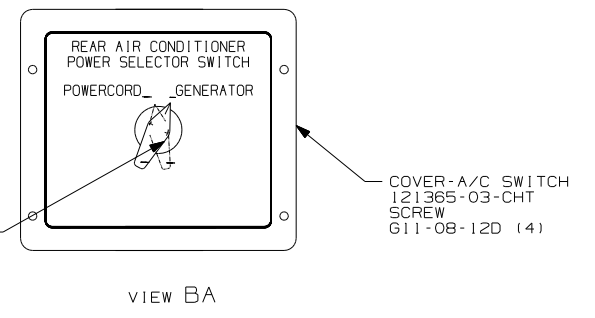
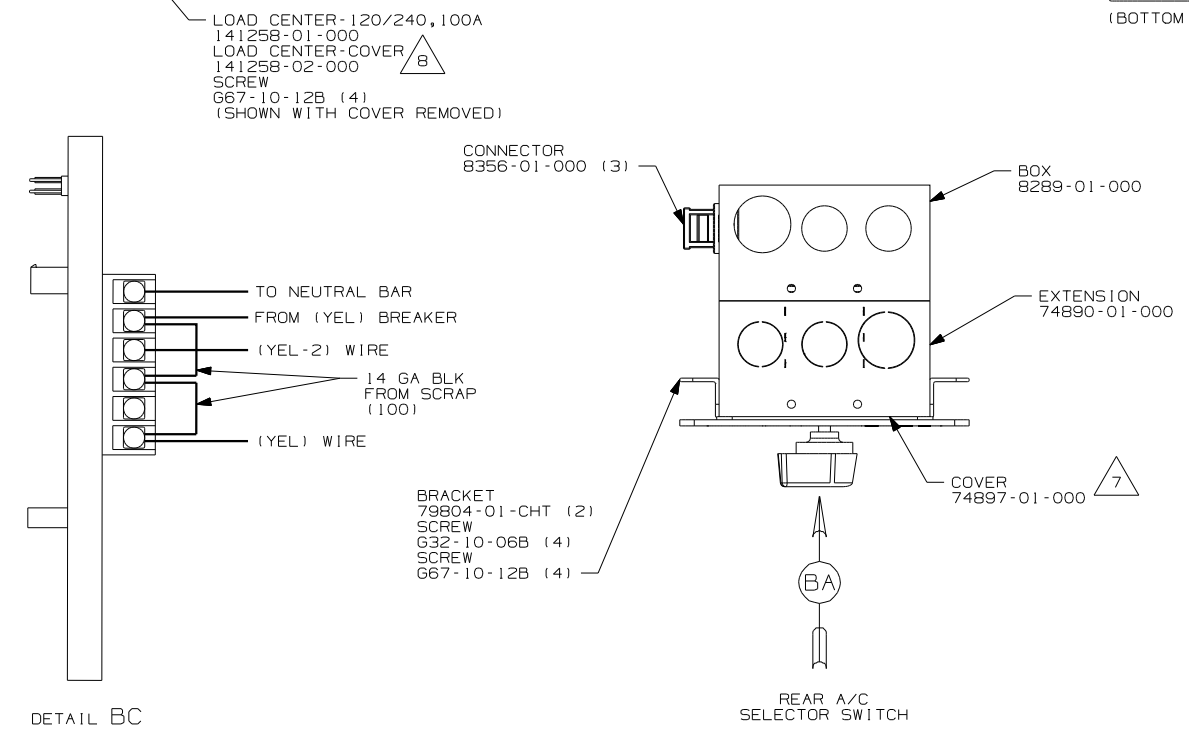
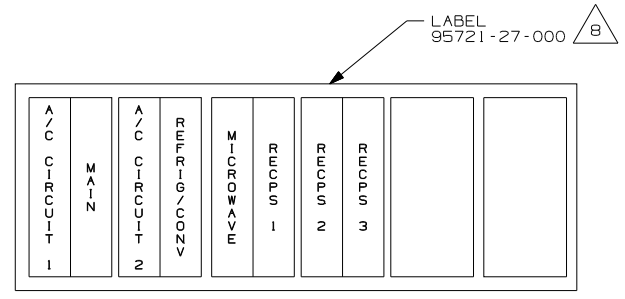
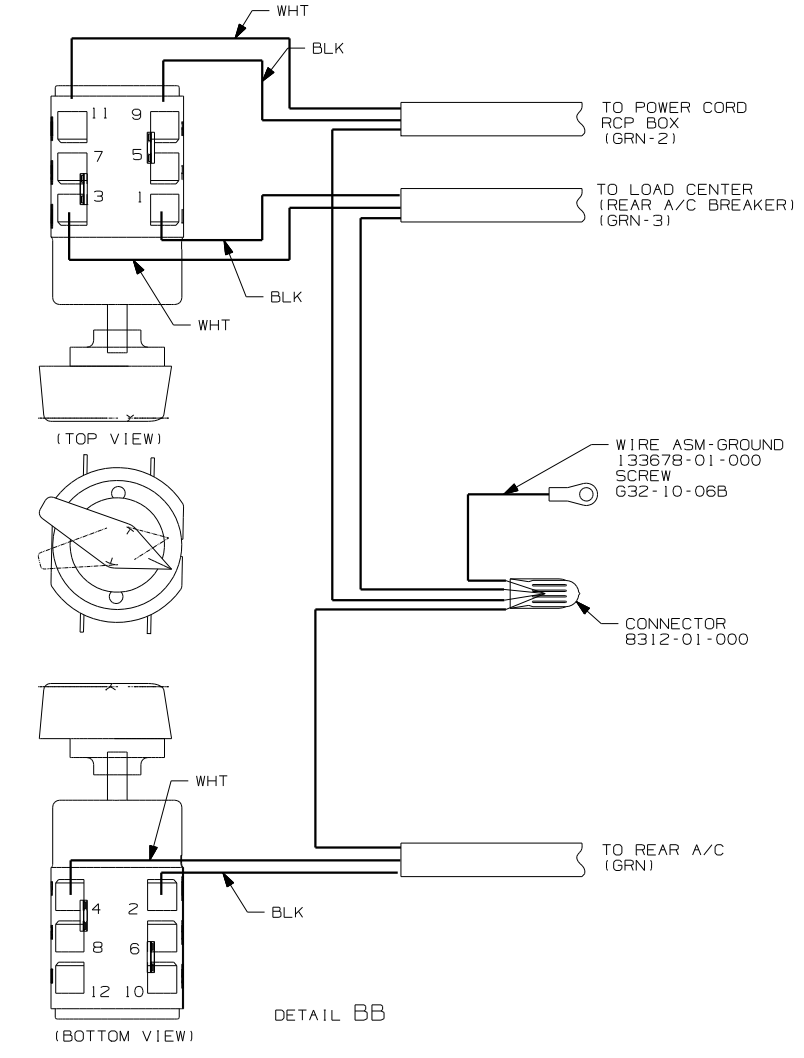
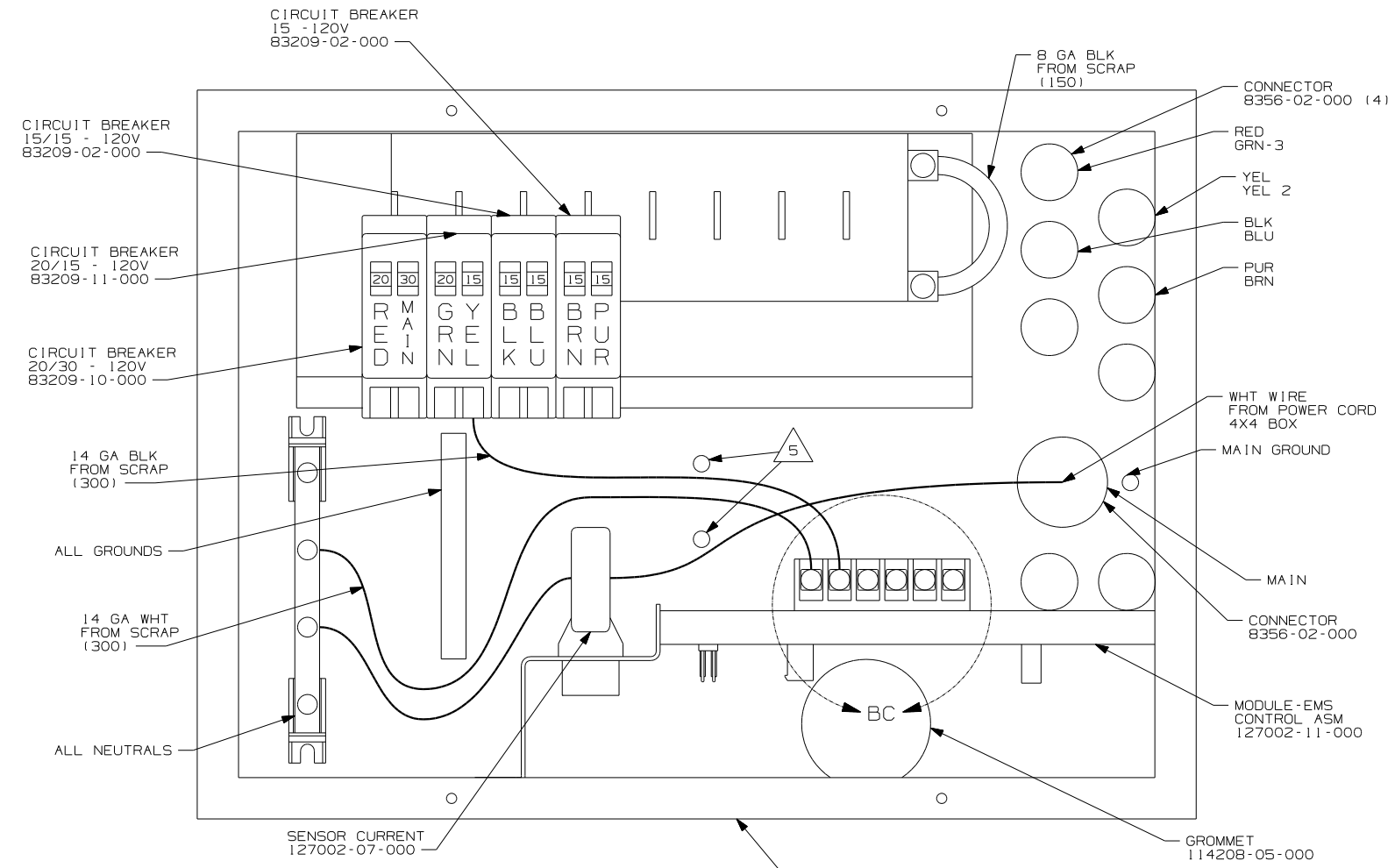


- (29D) A/C ROOF-ONE 13,500 BTU
- (250) A/C ROOF AIR (1) 14,800 BTU
- (12D) ELECTRICAL SYSTEM 30 AMP
- (265) CODES/STANDARDS-CSA/CMVSS
- (1B1) CODES/STANDARDS USA

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

1B1 265 12D 250 29D
WINNEBAGO COPYRIGHT 2004 WINNEBAGO INDUSTRIES, INC.
0 0 0 0 0 0 0 0 0 0
DFTR ORIG. DATE
CHKR ALL DIMENSIONS ARE IN MILLIMETERS
P.E.
M.E. FIRST USED
DSNR 05 D-SERIES
UNSPECIFIED TOLERANCES ARE: MATERIAL:
WHOLE DIM (X) : 1
ONE-PLACE (X.X) : 1.5
TWO-PLACE (X.XX) : 0.50
ANGLE : 1°
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
TITLE: LOAD CENTER/ATS ASM
SHEET 1 of 4 PART NO 148061
REF: 144718 11/25/2004



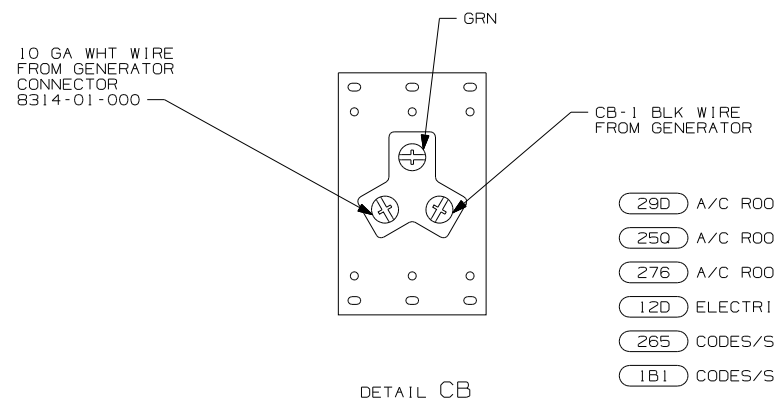
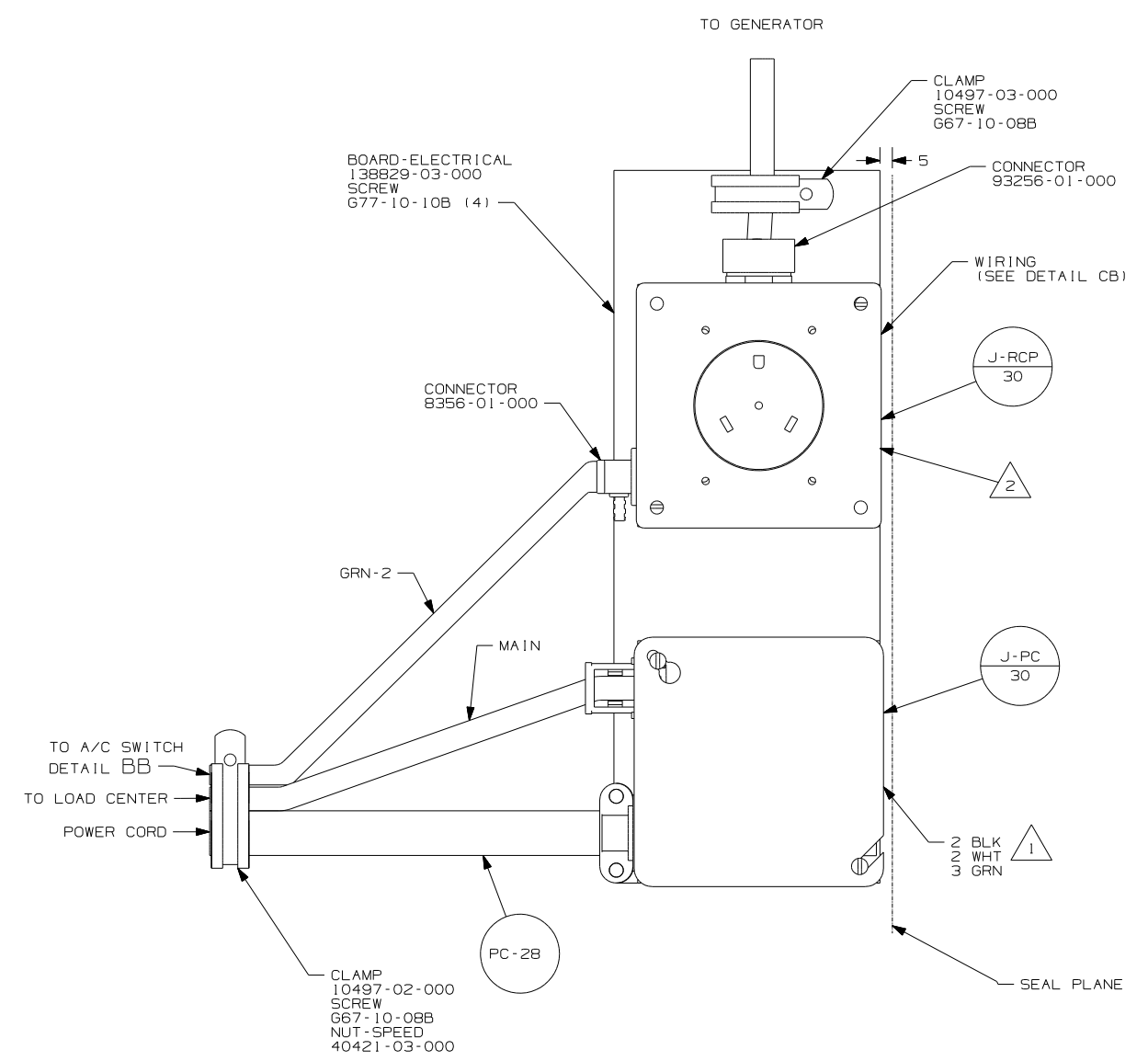
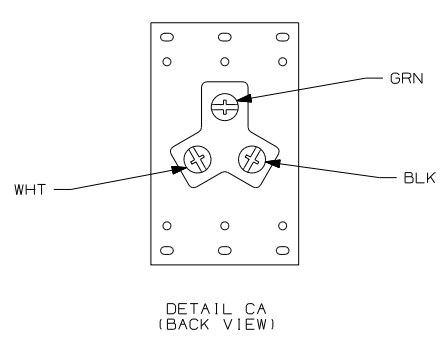
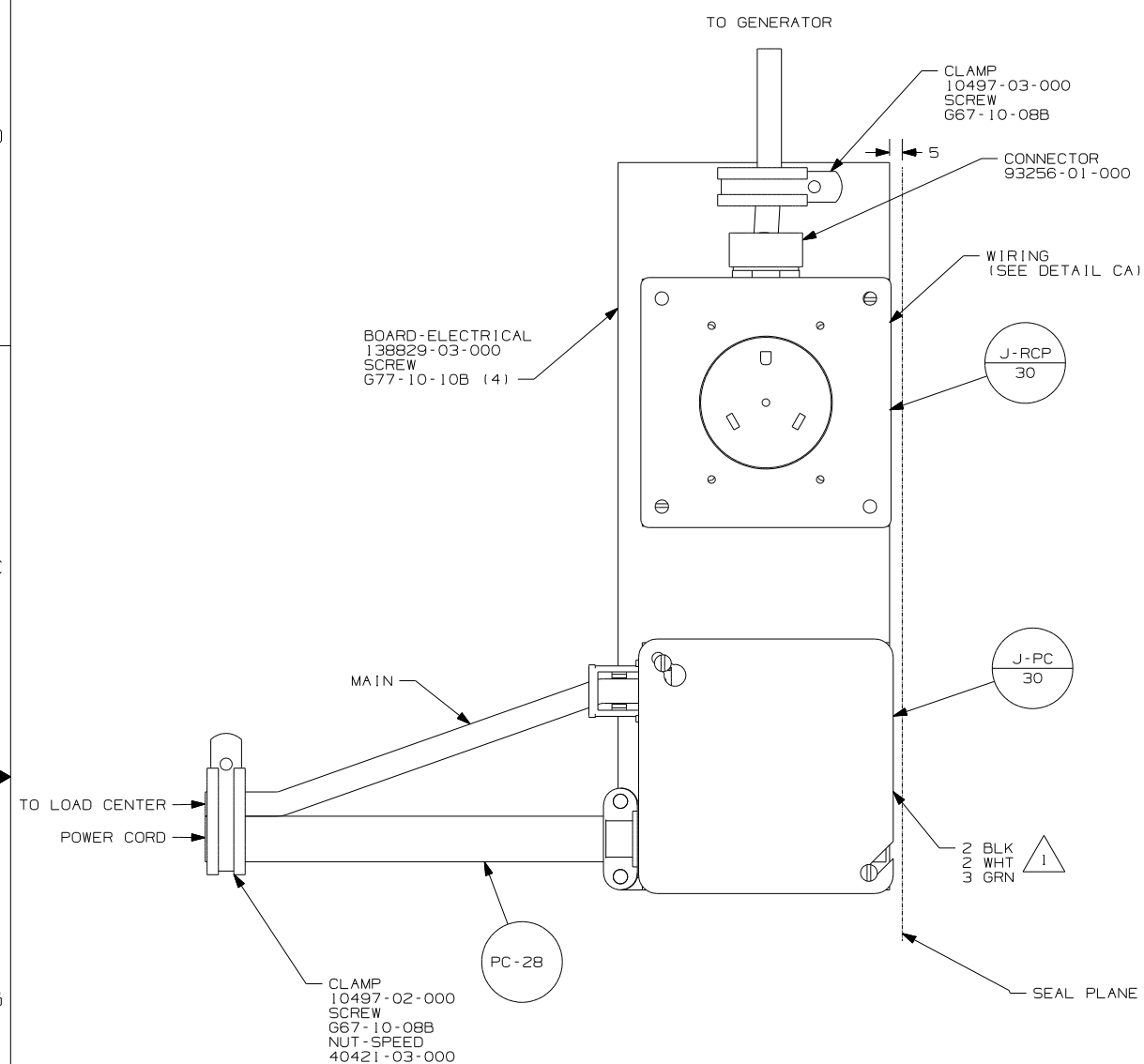
- NOTES:
- 8 INSTALLED BY ASSEMBLY LINE.
 - 7 FASTEN SWITCH TO COVER BEFORE FASTENING COVER TO BOX.
 - 6. ALL WIRES MUST BE 500MM LONG INSIDE LOAD CENTER.
 - 5. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
 - 4. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
 - 3. ALL WIRES TO BE CLAMPED WITHIN 200MM OF ATS.
 - 2. GROUND WIRES ARE NOT SHOWN FOR CLARITY.
 - 1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

- 276 A/C ROOF - HI EFF (2) W/EMS
- 265 CODES/STANDARDS - CSA/CMVSS
- 1B1 CODES/STANDARDS - USA
- 12D ELECTRICAL SYSTEM-30 AMP

FIRST USED	
05 D-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 2	PART NO 148061



- 29D A/C ROOF-ONE 13,500 BTU
- 250 A/C ROOF AIR (1) 14,800 BTU
- 276 A/C ROOF-HI EFF (2) W/EMS
- 12D ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
05 D-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 3	PART NO 148061

NOTES:

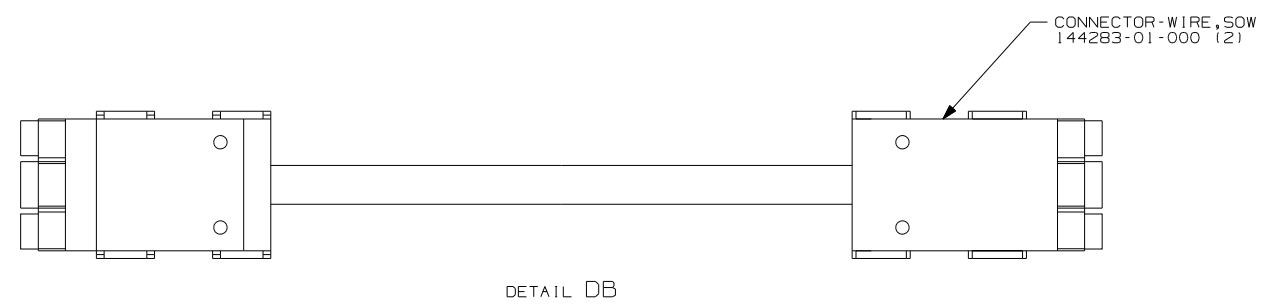
2 CONNECT CB-2 BLACK WIRE FROM GENERATOR TO BLACK OF GRN-2 WITH CONNECTOR 8311-01-000 AND WHITES TO WHITES AND GROUNDS TO GROUNDS.

1 CONNECT BLACK TO BLACK, WHITE TO WHITE, AND GROUNDS TO GROUNDS.

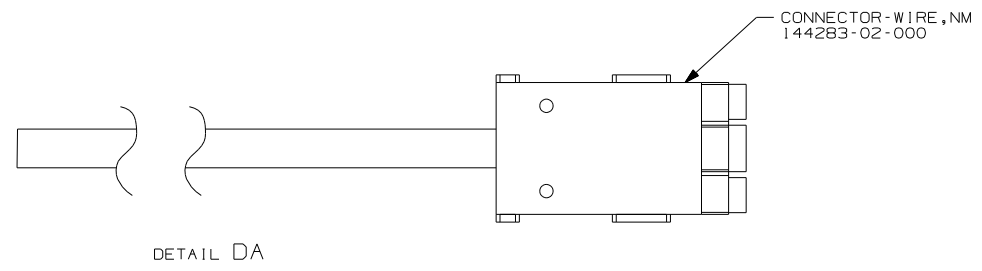
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

250 290 276



DETAIL DB



DETAIL DA

FIRST USED	05 D-SERIES
TITLE	DO NOT SCALE DRAWING
TITLE	LOAD CENTER/ATS ASM
SHEET 4	PART NO 148061