



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.



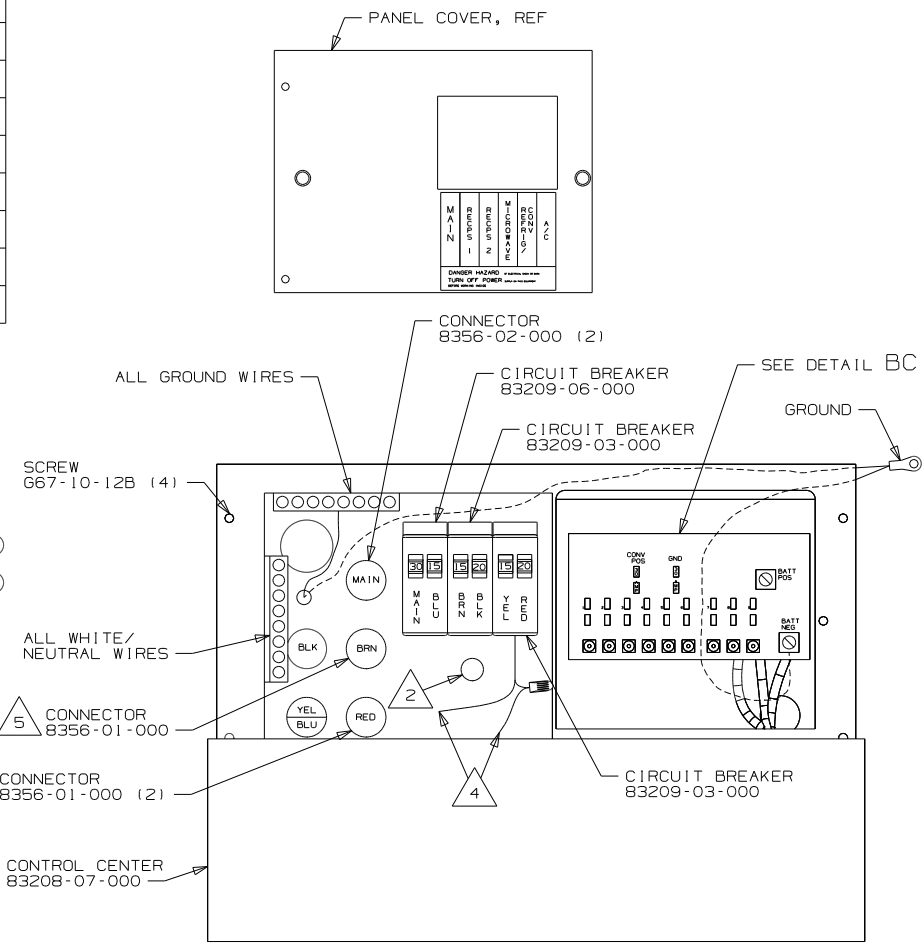
CAUTION

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	
		222B	224V		229T		231C		231N	231J	
GROUND	8-G	136145-02-023	136145-02-016		136145-02-012		136145-02-022		136145-02-024	136145-02-021	
WIRE ASM 110V US		169075-01-000	168359-01-000		168226-01-000		165476-01-000		169106-01-000	168597-01-000	
WIRE ASM 110V CA		169075-02-000	168359-02-000		168226-02-000		165476-02-000		169106-02-000	168597-02-000	
GENERATOR CABLE ASM	UL	X	8022-01-000 (4400)		X		X		X	X	
	CA	X	24743-01-000 (4400)		X		X		X	X	
CONDUIT		X	91234-01-000 (4000)		X		X		X	X	
THROW-IN #1	UL	136135-09-012 (53B)	136135-09-067 (53B)		136135-09-050 (53B)		136131-03-027 (40B)		136151-03-028 	136135-09-035 (53B)	
	CA	136136-09-012 (53B)	136136-09-067 (53B)		136136-09-050 (53B)		136131-03-027 (40B)		136151-03-028 	136136-09-035 (53B)	
THROW-IN #2	UL	X	136131-02-012 (1MB)		X		136131-04-015 (40B)		136131-05-018 	136131-03-003 	
	CA	X	136134-02-012 (1MB)		X		136134-04-015 (40B)		136134-05-018 	136134-03-003 	
THROW-IN #3	UL	X	X		X		136135-09-018 (53B)		136135-09-022 (53B)	136131-03-071 	
	CA	X	X		X		136136-09-018 (53B)		136136-09-022 (53B)	136134-03-071 	
THROW-IN #4	UL	X	X		X		X		136131-03-050 	X	
	CA	X	X		X		X		136134-03-050 	X	
MAIN EXTENSION	UL	X	X		8022-01-000 (3400)		8022-01-000 (4000)		8022-01-000 (4600)	8022-01-000 (3500)	
	CA	X	X		24743-01-000 (3400)		24743-01-000 (4000)		24743-01-000 (4600)	24743-01-000 (3500)	
CONDUIT		X	X		91234-01-000 (3000)		91234-01-000 (3600)		91234-01-000 (4200)	91234-01-000 (3200)	

		728B	730C
GROUND	8-G	136145-02-023	136145-02-015
WIRE ASM 110V US		168212-01-000	166007-01-000
WIRE ASM 110V CA		168212-02-000	166007-02-000
GENERATOR CABLE ASM	UL	X	X
	CA	X	X
THROW IN #1	UL	136135-09-040 (53B)	136135-09-040 (53B)
	CA	136136-09-040 (53B)	136136-09-040 (53B)
THROW IN #2	UL	X	X
	CA	X	X
THROW IN #3	UL	X	136131-03-003 2
	CA	X	136134-03-003 2
SLIDEOUT WIRE #1		136151-03-020 7	136151-03-020 7

		329B	330D	331C
GROUND	8-G	136145-02-015	136145-02-021	136145-02-022
WIRE ASM 110V US		157336-01-000	168385-01-000	166939-01-000
WIRE ASM 110V CA		157336-02-000	168385-02-000	166939-02-000
GENERATOR CABLE ASM	UL	136137-01-025	X	X
	CA	136138-01-025	X	X
THROW-IN #1	UL	136135-09-040 (53Z)	136135-09-020 (53Z)	136135-09-020 (53Z)
	CA	136136-09-040 (53Z)	136136-09-020 (53Z)	136136-09-020 (53Z)
THROW-IN #2	UL	X	136131-03-017	136131-03-025
	CA	X	136134-03-017	136134-03-025
THROW-IN #3	UL	X	136131-03-055 	X
	CA	X	136134-03-055 	X
THROW-IN #4	UL	X	136135-06-006	X
	CA	X	136136-06-006	X
THROW-IN #5	UL	X	136131-02-013 (53Z)	X
	CA	X	136134-02-013 (53Z)	X
THROW-IN #6	UL	X	136131-03-040	X
	CA	X	136134-03-040	X
THROW-IN #7	UL	X	136135-06-015	X
	CA	X	136136-06-015	X
SLIDEOUT WIRE #1	UL	136151-03-017 	136131-03-003 	136151-03-020 
	CA	136151-03-017 	136134-03-003 	136151-03-020 
SLIDEOUT WIRE #2	UL	X	136131-05-048 	X
	CA	X	136134-05-048 	X
MAIN EXTENSION	UL	X	8022-01-000 (6000)	X
	CA	X	24743-01-000 (6000)	X
CONDUIT		X	91234-01-000 (5600)	X



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|-----|------------------------------|
| 1L6 | TV-15"DC,COLOR,LCD W/REMOTE |
| 1MB | CUSTOM FLOORPLAN - OFFICE |
| 40B | INVERTER-DC/AC, 300 WATT |
| 53Z | WTR HTR-6GAL/110/LP/MTR/AUTO |
| 53B | WTR HTR-6GAL ELECTRIC/LP GAS |
| 23T | DRAINAGE SYSTEM-HEATED |
| 40N | GEN-4.0KW-ONANGAS-MICROQUIET |
| 1L6 | TV-15"DC,COLOR,LCD W/REMOTE |
| 265 | CODES/STANDARDS-CSA/CMVSS |
| 1B1 | CODES/STANDARDS USA |

		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
D F T R C H K R P . E . M . E . D S N R		ORIG. DATE ALL DIMENSIONS ARE IN MILLIMETERS FIRST USED 09 200/300/700	
UNSPECIFIED TOLERANCES ARE: WHOLE DIM (X) z 3 ONE-PLACE (X,X) z 1.5 TWO-PLACE (X,XX) z 0.50 ANGLE z 1°		MATERIAL:	
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: LOAD CENTER/ATS ASM			
SHEET 1 OF 2		PART NO 165489	
		REV	

- 8 NOT USED WITH IL6
- 7 FOR CONNECTOR INSTALLATION SEE DETAIL BH.
- 6 FOR CONNECTOR INSTALLATION SEE DETAIL BE.
- 5 NOT USED WITH 222B.
- 4 CONNECT CONVERTER POWER INTO YELLOW BREAKER AND USE SUPPLIED WIRE NUT TO CONNECT YELLOW CIRCUIT.
- 3 SEE WIRING INSLT-BODY, 12V FOR ADDITIONAL INFORMATION.
- 2 SECURE WIRES TO BACKSIDE OF LOAD CENTER WITH WIRE TIE 116673-01-000.

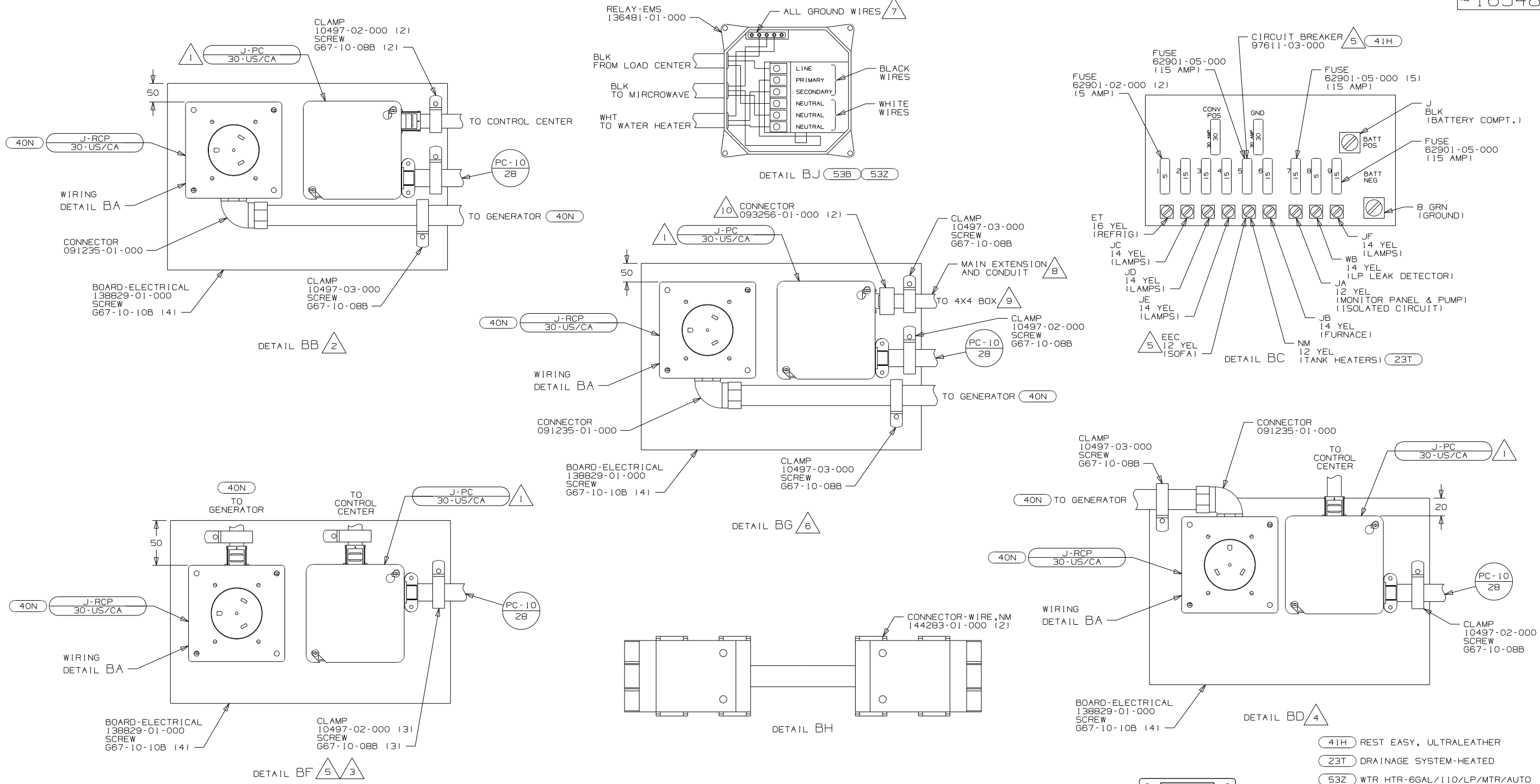
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000

NOTES:

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

	FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000
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REF: 1 3/11/2010



- NOTES:
- 6 USED WITH 231C, 229T, 331C, 231J, 231N, 330D.
 - 5 USED WITH 730C.
 - 4 USED WITH 329B, 728B.
 - 3 USED WITH 222B.
 - 2 USED WITH 226A, 224V.
 - 1 CONNECT BLK TO BLK, WHT TO WHT, AND GRNDS TO GRNDS.
 - 10 NOT USED ON 331C.
 - 9 SEE WIRING INSTL-BODY, 110V FOR ADDITIONAL INFORMATION.
 - 8 SEE SHT 1 FOR ADDITIONAL INFORMATION.
 - 7 ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

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

X-X

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

- 41H REST EASY, ULTRALEATHER
- 23T DRAINAGE SYSTEM-HEATED
- 53Z WTR HTR-6GAL/110/LP/MTR/AUTO
- 53B WTR HTR-6GAL ELECTRIC/LP GAS
- 40N GEN-4.0KW-ONAN-GAS-MICROLITE
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED 09 200/300/700		
DO NOT SCALE DRAWING		
TITLE: LOAD CENTER/ATS ASM		
SHEET 2	PART NO 165489	REV