



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.

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175998

DWG NO

		P34Y		P39N	
GROUND MAIN		136145-01-025		136145-01-020	
ATS GROUND		136145-01-025		136145-01-025	
GENERATOR CABLE ASM		136148-02-108		136148-02-125	
THROW IN WIRE #1	14-UL	136131-13-020	1	136131-13-009	1
	14-CA	136134-13-020	1	136134-13-009	1
THROW IN WIRE #2	14-UL	136131-12-120	1	136131-12-220	6
	14-CA	136134-12-120	1	136134-12-220	6
THROW IN WIRE #3	14-UL	136131-12-035	1	136131-03-025	1
	14-CA	136134-12-035	1	136134-03-025	1
THROW IN WIRE #4	14-UL	136131-12-060	1	136131-03-010	1
	14-CA	136134-12-060	1	136134-03-010	1
THROW IN WIRE #5	14-UL	136131-12-040		136131-03-055	1
	14-CA	136134-12-040		136134-03-055	1
THROW IN WIRE #6	14-UL	136131-12-040	21W OR 21R	136131-12-030	
	14-CA	136134-12-040	21W OR 21R	136134-12-030	
THROW IN WIRE #7	14-UL	136131-03-110	1	136131-12-020	1
	14-CA	136134-03-110	1	136134-12-020	1
THROW IN WIRE #8	14-UL	136131-13-065	1	-----	
	14-CA	136134-13-065	1	-----	
THROW IN WIRE #9	14-UL	136131-02-006	1	-----	
	14-CA	136134-02-006	1	-----	
THROW IN WIRE #10	14-UL	136131-02-055	1	-----	
	14-CA	136134-02-055	1	-----	
THROW IN WIRE #11	14-UL	136131-12-008	1	136131-12-008	7
	14-CA	136134-12-008	1	136134-12-008	7
THROW IN WIRE #12	14-UL	136131-04-006	1	136131-04-006	7
	14-CA	136134-04-006	1	136134-04-006	7
THROW IN WIRE #13	14-UL	-----	1	136131-02-004	48D 49C
	14-CA	-----	1	136134-02-004	48D 49C
SLIDEOUT WIRE #1		136151-13-038	4	136151-13-030	4
SLIDEOUT WIRE #2		136151-12-038	4	136151-12-030	4
SLIDEOUT WIRE #3		136151-03-038	4	136151-03-030	4
SLIDEOUT WIRE #4		136151-06-038	4	136151-03-020	2
SLIDEOUT WIRE #5		136151-02-020	2	136151-03-030	4
SLIDEOUT WIRE #6		136151-02-030	4	-----	

THROW IN WIRE

CONNECTOR 144283-02-000 (2)

DETAIL BD

THROW IN WIRE

CONNECTOR-WIRE,NM,CLEAR 144283-02-000

DETAIL BA

SLIDEOUT WIRE

CONNECTOR-WIRE,SOW,BLUE 144283-01-000 (2)

DETAIL BB

SLIDEOUT WIRE

CONNECTOR-WIRE,SOW 144283-01-000 (2)

150

DETAIL BC

7

SEE DETAIL DA FOR ADDITIONAL INFORMATION.

6

SEE DETAIL BD FOR CONNECTOR INSTALLATION.

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APPLY 300MM OF CONDUIT-CONVOLUTE 41953-05-000 OVER WIRE AT DIMENSION SHOWN AND SECURE BOTH ENDS OF TUBING TO WIRE WITH TAPE 8363-01-000.

4

SEE DETAIL BC FOR CONNECTOR INSTALLATION.

3

SEE WIRING INSTL-BODY,110V FOR ADDITIONAL INFORMATION.

2

SEE DETAIL BB FOR CONNECTOR INSTALLATION.

1

SEE DETAIL BA FOR CONNECTOR INSTALLATION.

NOTES:

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

X-X

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

21R

DINING/BUFFET/POWERED TV

49C

BED-KING,AIR SLEEP SYSTEM

48D

BED-QUEEN, AIR SLEEP SYSTEM

21W

DINING/BUFFET/TV

265

CODES/STANDARDS-CSA/CMVSS

1B1

CODES/STANDARDS USA

1B1

265

FIRST USED

11 P-SERIES

DO NOT SCALE DRAWING

TITLE:

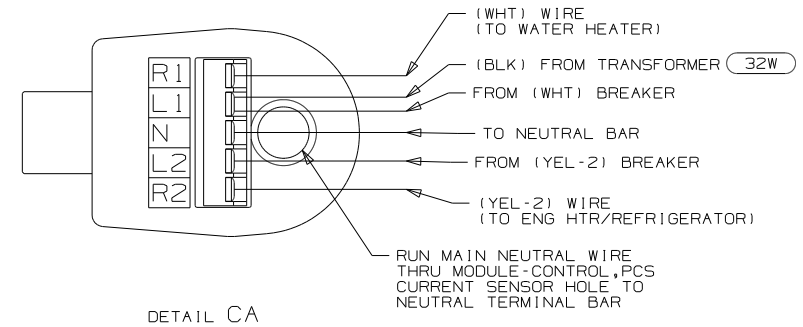
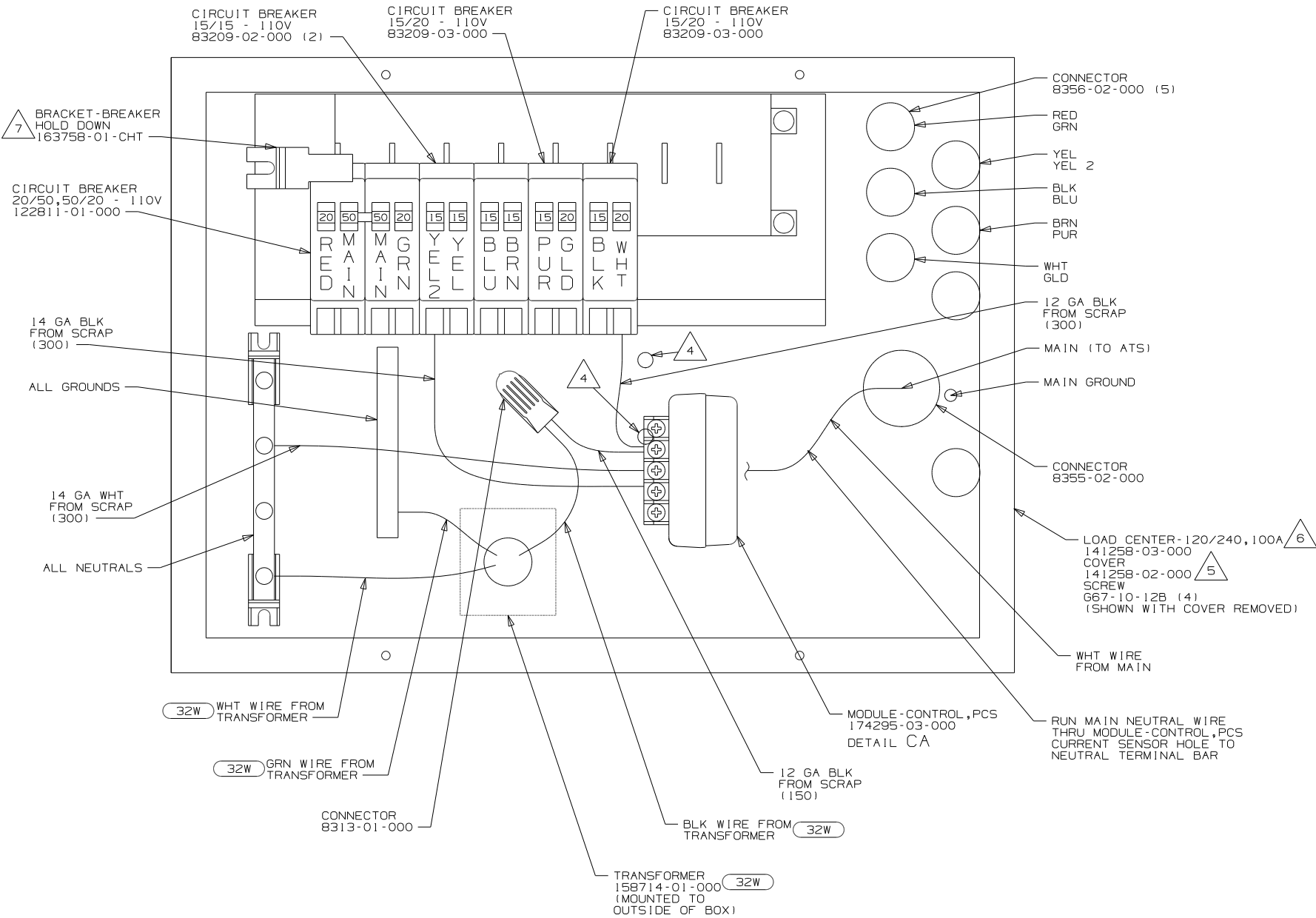
LOAD CENTER/ATS ASM

SHEET 2

PART NO 175998

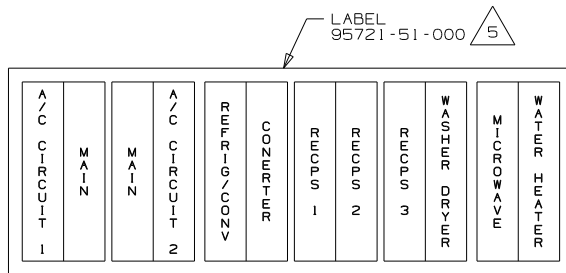
REV

12/9/2010



7. LOOSEN LEFT BUSS BAR MOUNTING SCREW, INSERT BRACKET-BREAKER HOLD DOWN UNDER SCREW, ORIENTATE BRACKET TOWARD MAIN BREAKER AS SHOWN AND TIGHTEN SCREW.
6. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS
5. INSTALLED BY ASSEMBLY LINE.
4. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
3. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
2. ALL WIRES ARE NOT SHOWN FOR CLARITY.
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

NOTES:



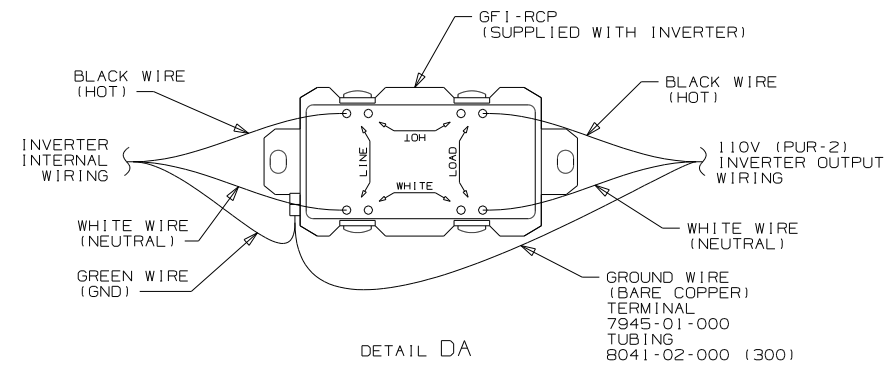
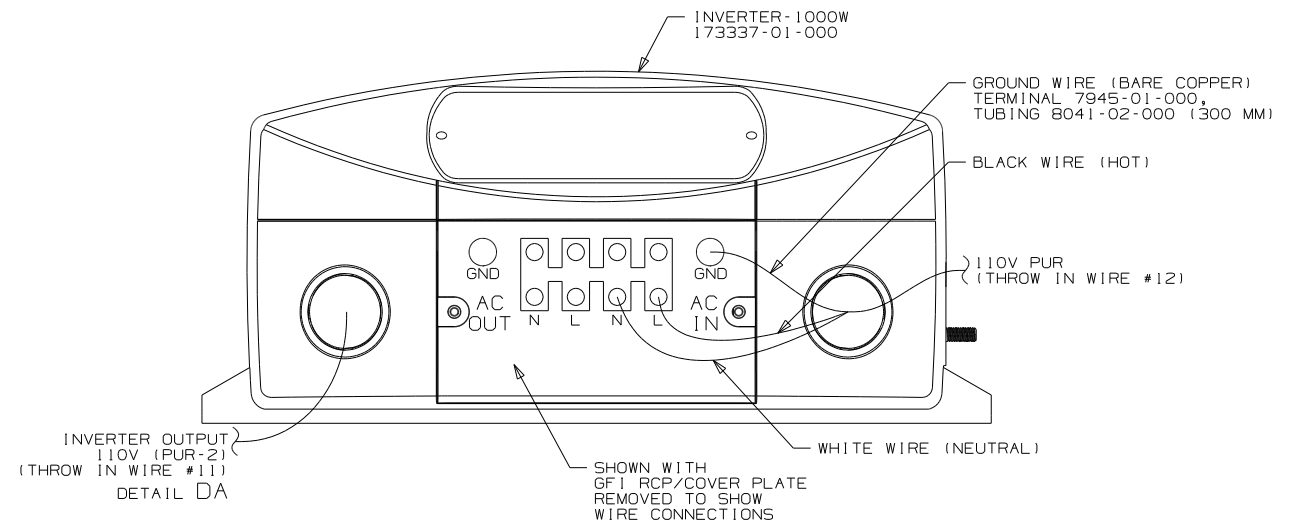
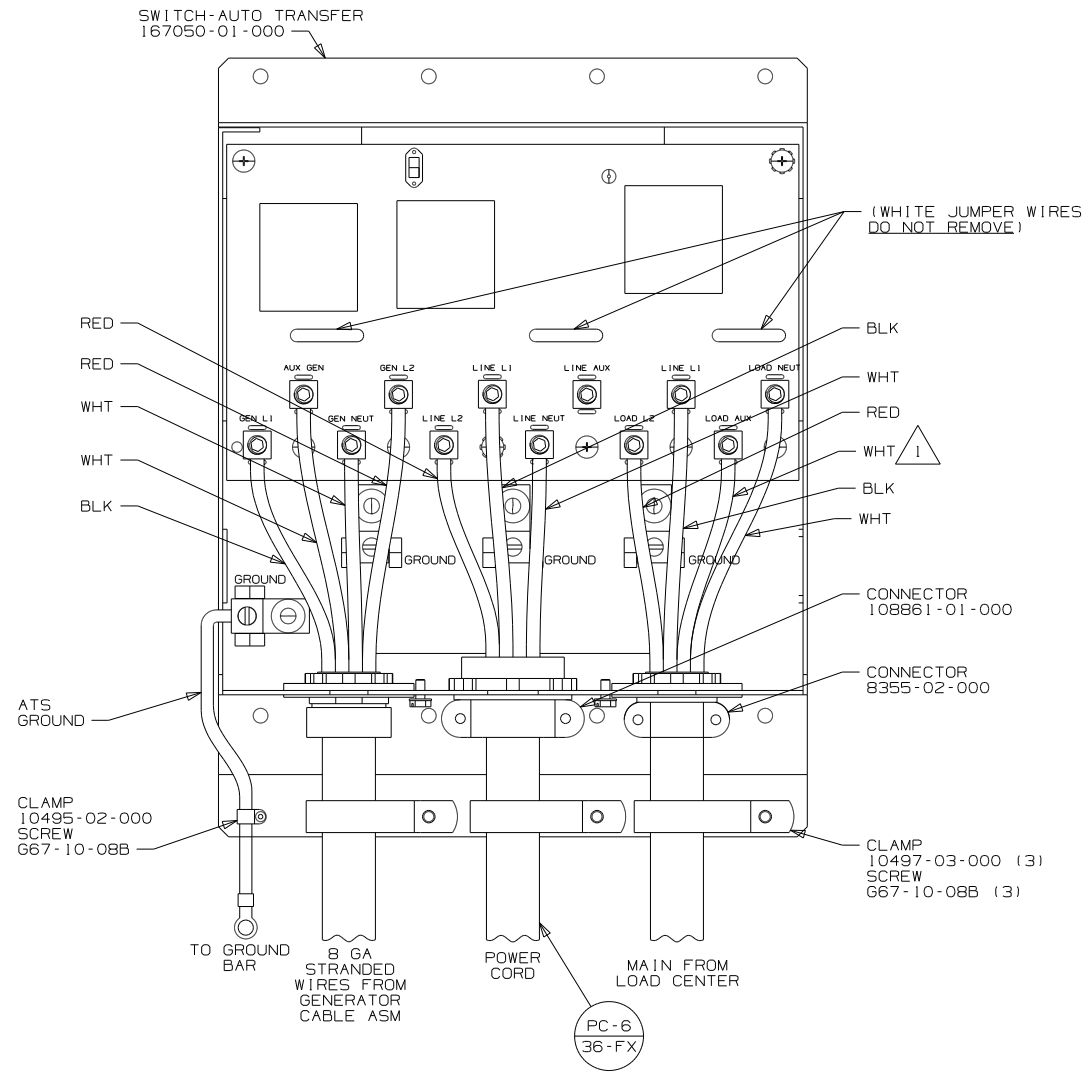
INSTALL LABEL ON FRONT PANEL BELOW BREAKERS BETWEEN MOUNTING HOLES

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

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

- (32W) GENERATOR-START, AUTO SYSTEM
- (265) CODES/STANDARDS-CSA/CMVSS
- (1B1) CODES/STANDARDS USA

FIRST USED		11 P-SERIES
TITLE:		DO NOT SCALE DRAWING
SHEET 3		PART NO 175998
REV		12/9/2010



NOTES:

1 TWO NEUTRAL (WHT) WIRES USED ON P39N ONLY.

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

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

265 CODES/STANDARDS-CSA/CMVSS

1B1 CODES/STANDARDS USA

1B1 265

11 P-SERIES		
DO NOT SCALE DRAWING		
TITLE: LOAD CENTER/ATS ASM		
SHEET 4	PART NO 175998	REV

D

D

C

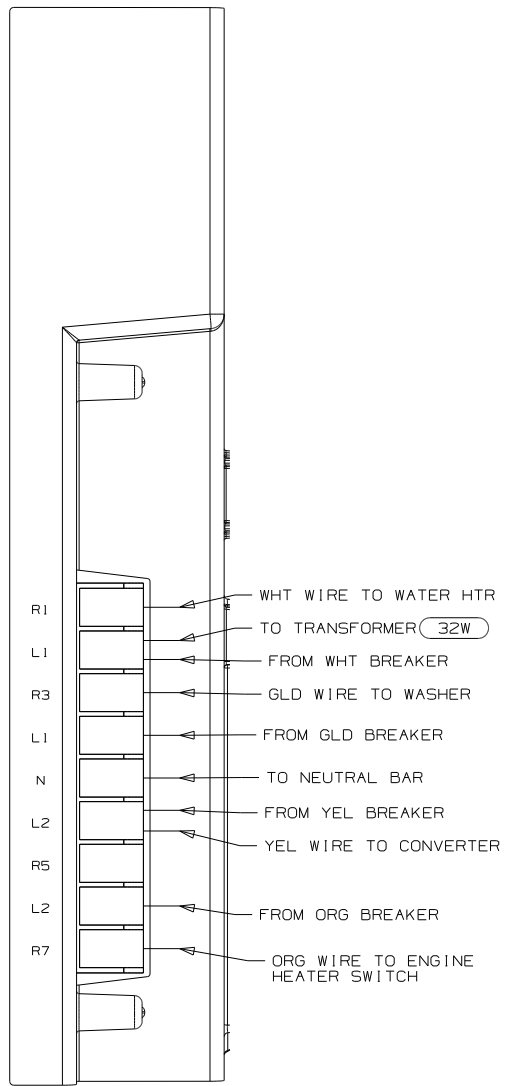
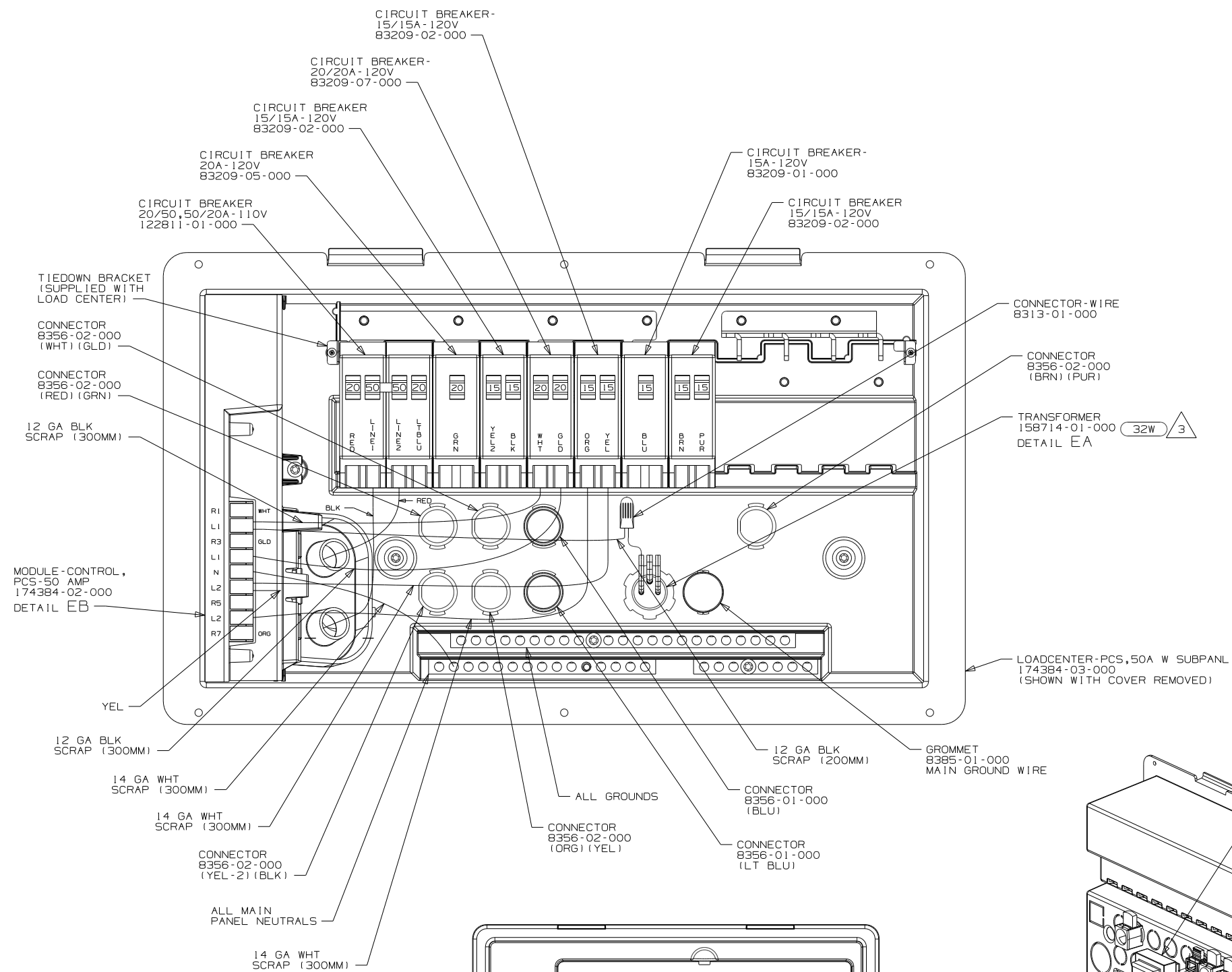
C

B

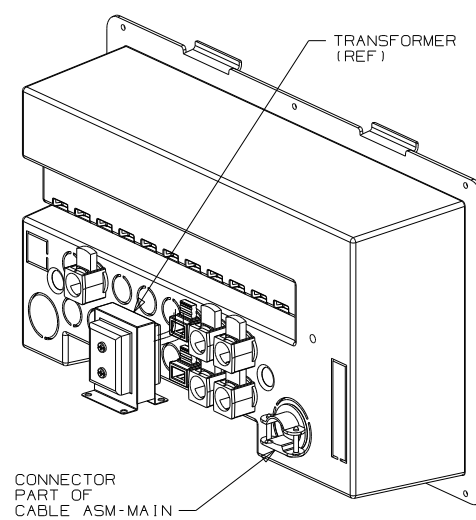
B

A

A



DETAIL EB



DETAIL EA

- 32W GENERATOR-START,AUTO SYSTEM
- 12G POWER CORD REEL-WITHOUT
- 12F POWER CORD REEL
- 215 DISHWASHER WITHOUT
- 14C FIREPLACE-ELECTRIC
- 14A FIREPLACE-ELECTRIC WITHOUT
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED		11 P-SERIES	
		DO NOT SCALE DRAWING	
TITLE:		LOAD CENTER/ATS ASM	
SHEET 5	PART NO	175998	REV

3. TRANSFORMER NEUTRAL TO MAIN NEUTRAL BAR, GROUND TO GROUND BAR, & HOT (BLK) TO L1 SCREW ON EMS BOARD.
2. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS
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