



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

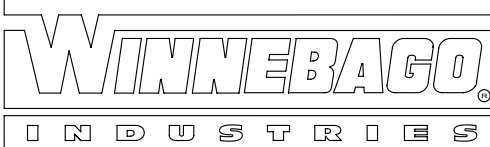
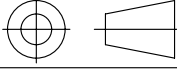
If you lack the skills, tools or equipment to perform diagnostic or repair work leave such work to an authorized Winnebago Industries dealer or other qualified shop.

8	
DRAWING NO.	MODEL
178563-01	D30A
178563-02	D33C
178563-03	D35J
178563-04	D36V

		1			
RELEASE		REV A	DATE	DWG NO	178563
REV	ZONE	REVISION RECORD			DATE DFT-ORIG

		D33C	D30A	D35J	D36V
SLIDEOUT WIRE #1		136151-03-026 	136151-02-020 	136151-02-048 	136151-03-025 
SLIDEOUT WIRE #2		136151-13-022 	136151-06-020 	136151-04-040 	
SLIDEOUT WIRE #3		136151-06-022 	136151-12-020 		
SLIDEOUT WIRE #4			136151-13-020 	136151-12-040 	
SLIDEOUT WIRE #5		136151-12-022 			
SLIDEOUT WIRE #6		136151-03-022 			
THROW IN WIRE #1	1B1	136131-02-013 	136131-12-218 	136131-02-021 	136131-03-030 
	265	136134-02-013 	136134-12-218 	136134-02-021 	136134-03-030 
THROW IN WIRE #2	1B1	136131-12-013 		136131-04-050 	136131-12-230 
	265	136134-12-013 		136134-04-050 	136134-12-230 
THROW IN WIRE #3	1B1	136131-04-011 	136131-04-011 	136131-04-011 	136131-04-011 
	265	136134-04-011 	136134-04-011 	136134-04-011 	136134-04-011 
THROW IN WIRE #4	1B1	136131-12-011 	136131-12-011 	136131-12-011 	136131-12-011 
	265	136134-12-011 	136134-12-011 	136134-12-011 	136134-12-011 
THROW IN WIRE #5	1B1	136131-13-020 	136131-02-078 	136131-04-036 	
	265	136134-13-020 	136134-02-078 	136134-04-036 	
THROW IN WIRE #6	1B1	136131-12-263 	136131-06-026 	136131-12-244 	
	265	136134-12-263 	136134-06-026 	136134-12-244 	
THROW IN WIRE #7	1B1	136131-03-052 	136131-12-038 	136131-12-028 	
	265	136134-03-052 	136134-12-038 	136134-12-028 	
THROW IN WIRE #8	1B1	136131-03-058 	136131-13-023 		
	265	136134-03-058 	136134-13-023 		
GENERATOR CABLE ASM	1B1				136137-01-055
	265				136138-01-055
	1B1				136137-01-055
	265				136138-01-055

401	INVERTER-DC/AC, 1000 WATT
265	CODES/STANDARDS-CSA/CMVSS
1B1	CODES/STANDARDS USA

		COPYRIGHT 2011 WINNEBAGO INDUSTRIES, INC.	
DFT#		ORIG. DATE	
CHK#		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.		FIRST USED	
DSNR		12 D-SERIES	
UNSPECIFIED TOLERANCES ARE: WHOLE DIM (X) ± 3 ONE-PLACE (X.X) ± 1.5 TWO-PLACE (X.XX) ± 0.50 ANGLE ± 1°		MATERIAL:	
THIRD ANGLE PROJECTION 			
DO NOT SCALE DRAWING		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
TITLE:			
LOAD CENTER/ATS ASM			
SHEET 1 OF 4		PART NO 178563	REV

	SEE DETAIL DF FOR ADDITIONAL INFORMATION.
	SEE DETAIL DD FOR CONNECTOR INSTALLATION.
	SEE DETAIL DE FOR CONNECTOR INSTALLATION.
	SEE DETAIL DC FOR CONNECTOR INSTALLATION.
	SEE DETAIL DB FOR CONNECTOR INSTALLATION.
	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:

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

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

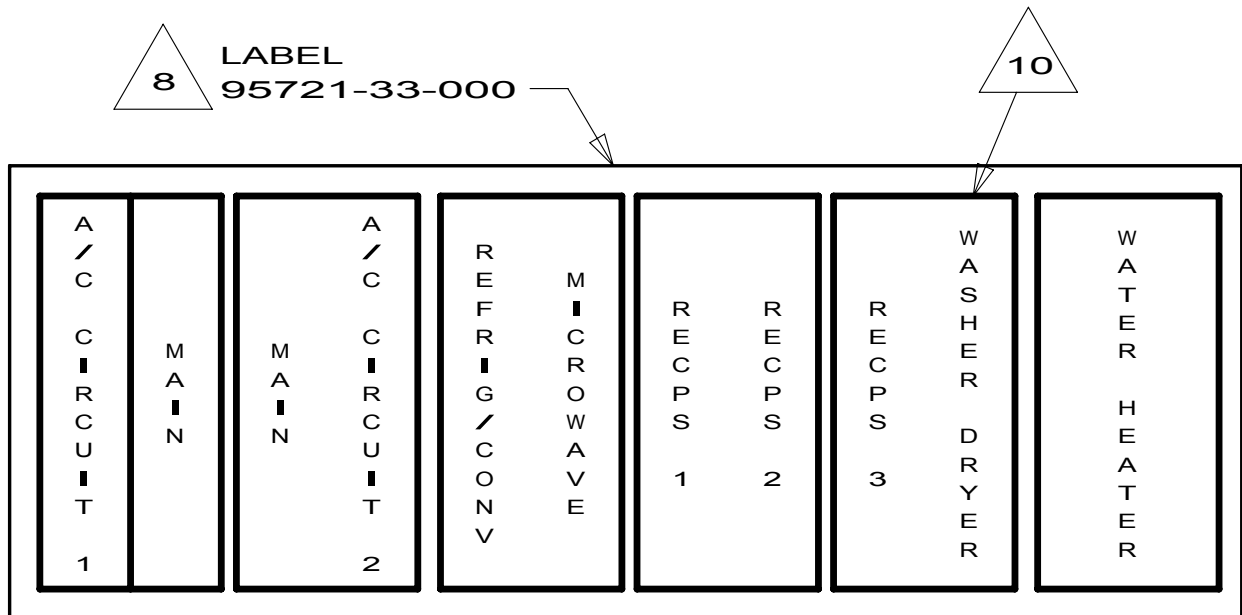
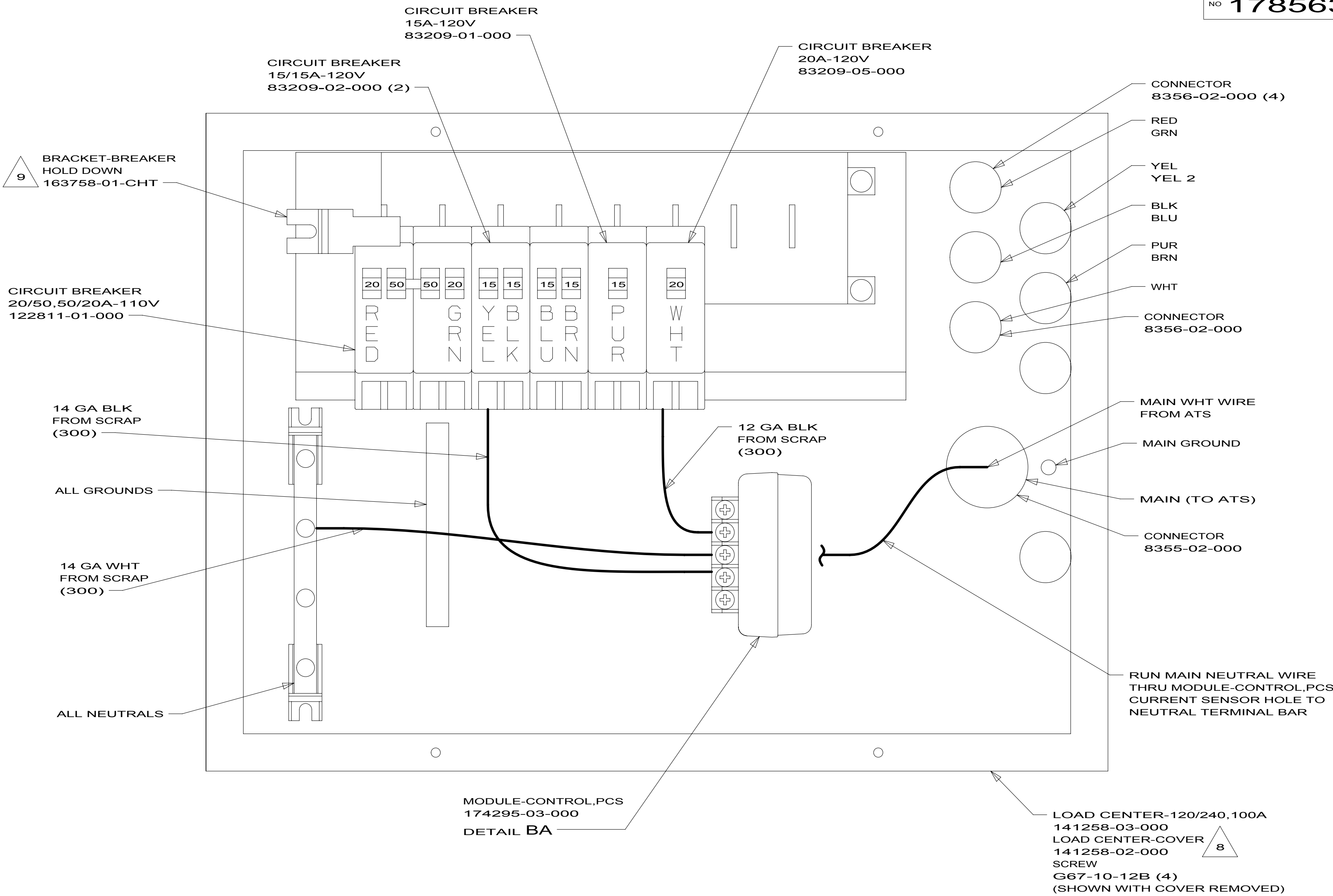
D

C

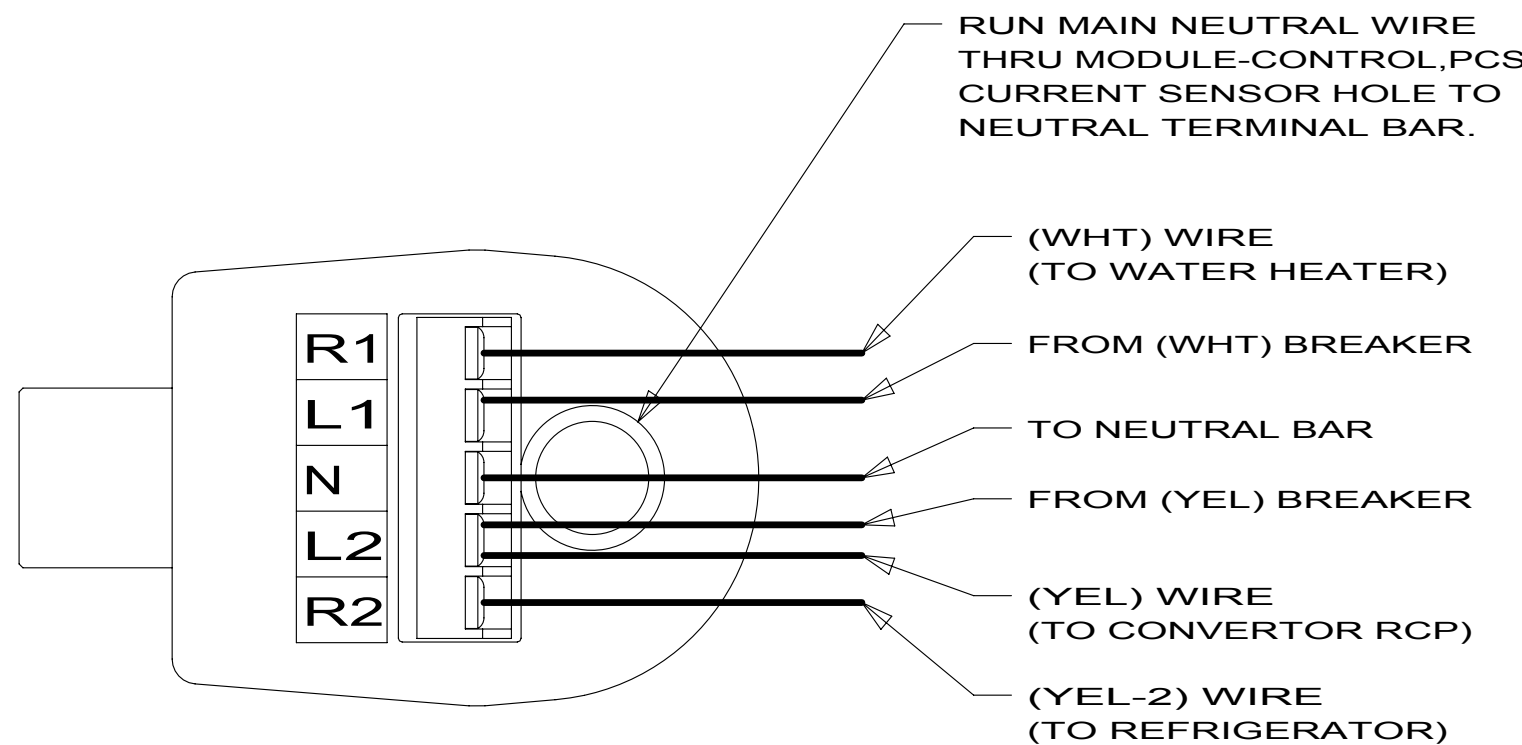
B

A

		D33C	D30A	D35J	D36V
RED	1B1	136135-07-061	136135-07-063	136135-07-040	136135-07-039
	265	136136-07-061	136136-07-063	136136-07-040	136136-07-039
YEL	1B1	136131-05-016	136131-05-032	136131-05-025	136131-05-034
	265	136134-05-016	136134-05-032	136134-05-025	136134-05-034
YEL-2	1B1	136131-13-08311	136131-13-04511	136131-13-025	136131-13-038
	265	136134-13-08311	136134-13-04511	136134-13-025	136134-13-038
BLK	1B1	136131-06-08911	136131-06-04511	136131-06-048	136131-06-075
	265	136134-06-08911	136134-06-04511	136134-06-048	136134-06-075
BRN	1B1	136131-03-09611	136131-03-16611	136131-03-164	136131-03-15511
	265	136134-03-09611	136134-03-16611	136134-03-164	136134-03-15511
BLU	1B1	136131-02-07611	136131-02-04511	136131-02-104	136131-02-125
	265	136134-02-07611	136134-02-04511	136134-02-104	136134-02-125
GRN	1B1	136135-08-058	136135-08-063	136135-08-039	136135-08-039
	265	136136-08-058	136136-08-063	136136-08-039	136136-08-039
PUR	1B1	136131-04-06811	136131-04-04511	136131-04-11011	136131-04-06411
	265	136134-04-06811	136134-04-04511	136134-04-11011	136134-04-06411
WHT	1B1	136135-09-086	136135-09-033	136135-09-016	136135-09-051
	265	136136-09-086	136136-09-033	136136-09-016	136136-09-051
MAIN	1B1	136139-01-066	136139-01-033	136139-01-065	136139-01-049
	265	136140-01-066	136140-01-033	136140-01-065	136140-01-049
GROUND MAIN		136145-01-016	136145-01-031	136145-01-035	136145-01-032
GROUND ATS		136145-01-052	136145-01-022	136145-01-075	136145-01-052



INSTALL LABEL ON FRONT COVER PLATE BELOW THE BREAKERS



DETAIL BA

- 8 INSTALLED BY ASSEMBLY LINE.
7. SEE WIRING INSTL-BODY,12V FOR ADDITIONAL INFORMATION.
6. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
5. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS
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.

NOTES:

- 11 SEE DETAIL DA FOR CONNECTOR INSTALLATION.
- 10 BLACKEN OUT "WASHER DRYER" WITH BLACK MARKER.
- 9 LOOSEN LEFT BUSS BAR MOUNTING SCREW, INSERT BRACKET-BREAKER HOLD DOWN UNDER SCREW, ORIENTATE BRACKET TOWARD MAIN BREAKER AS SHOWN AND TIGHTEN SCREW.

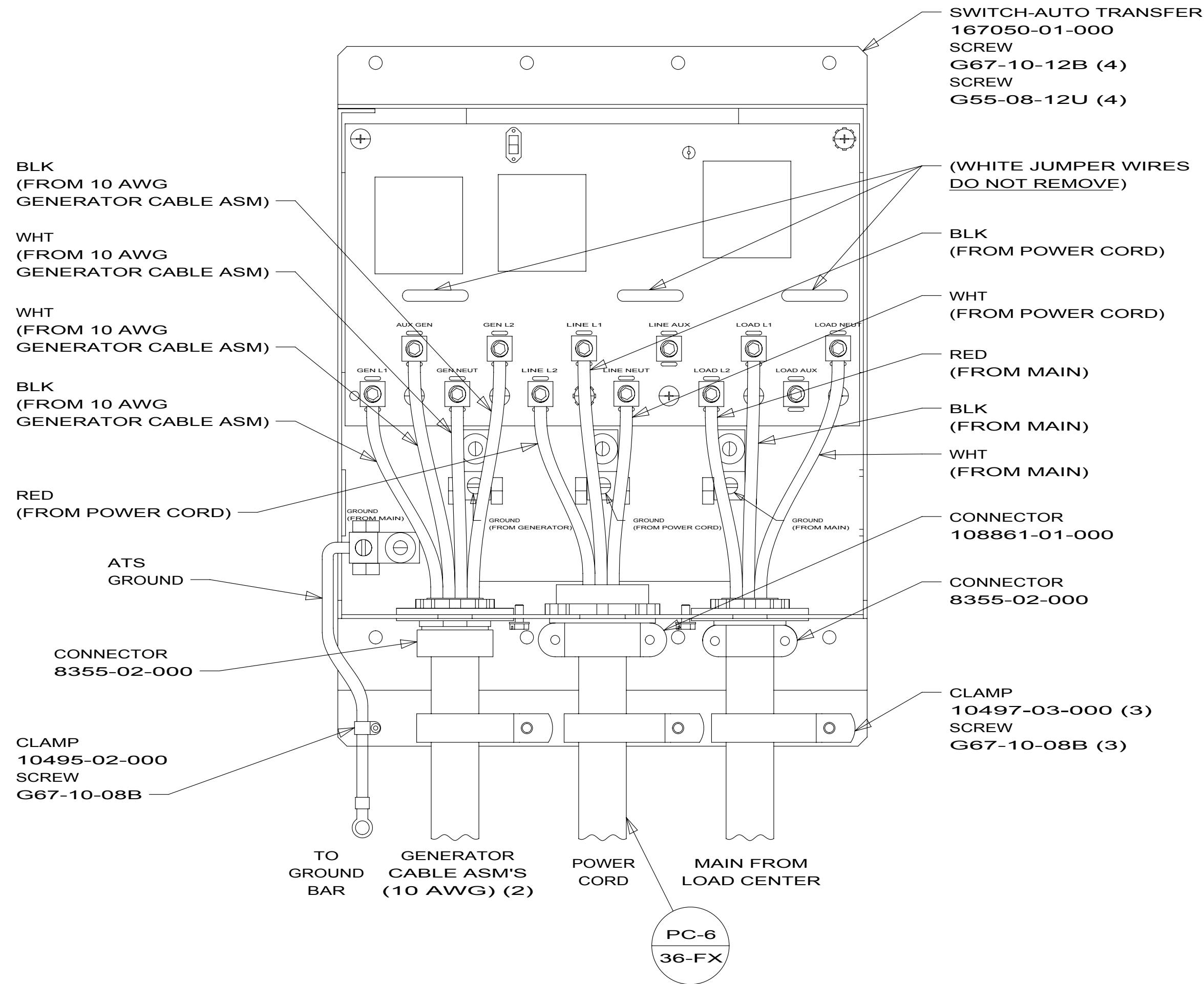
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

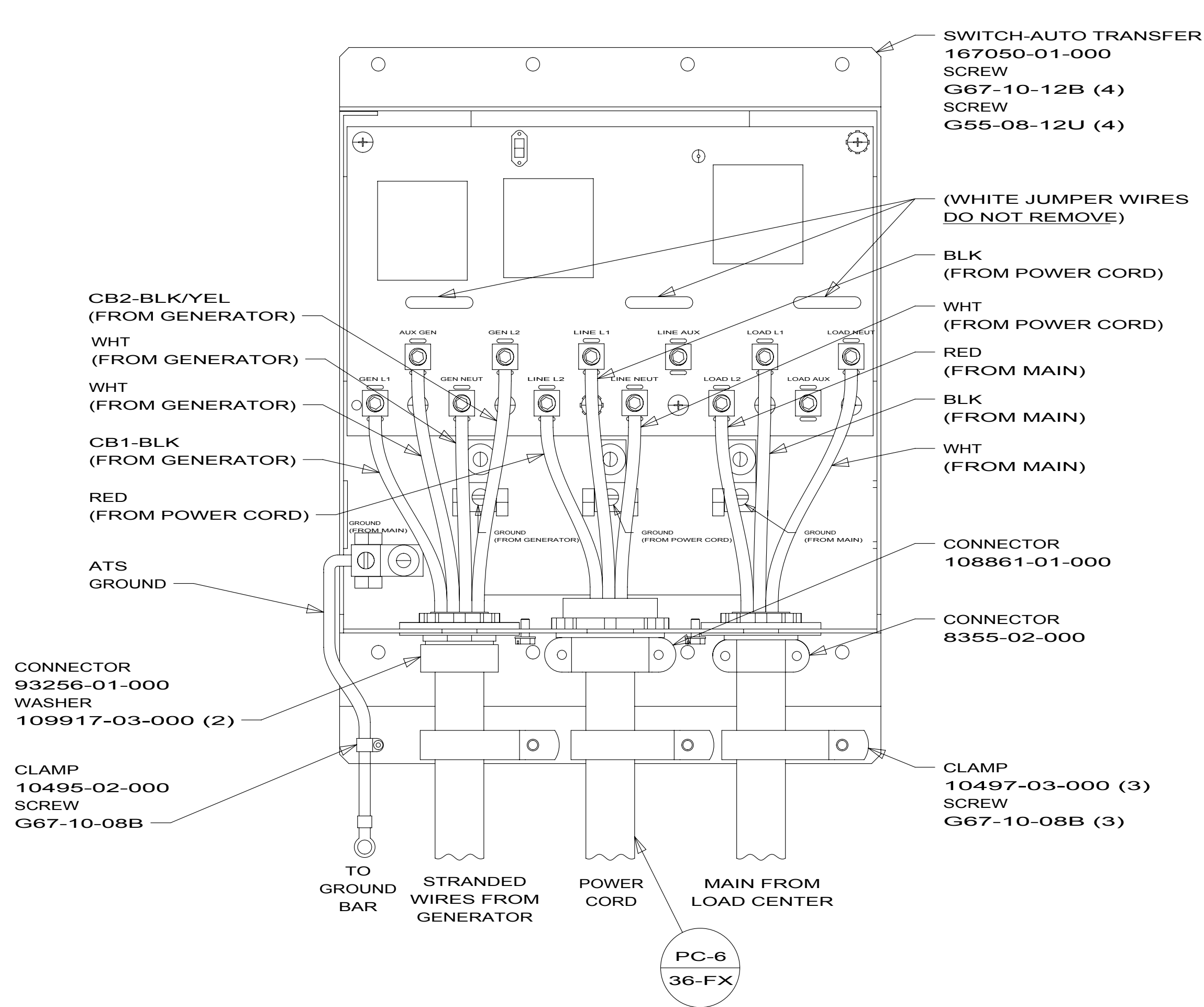
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

1B1 265

12 D-SERIES		
DO NOT SCALE DRAWING		
TITLE: LOAD CENTER/ATS ASM		
SHEET 2	PART NO 178563	REV



D36V



D35J,D33C,D30A

265 CODES/STANDARDS-CSA/CMVSS

1B1 CODES/STANDARDS USA

1B1 265

FIRST USED		
12 D-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
LOAD CENTER/ATS ASM		
SHEET 3	PART NO 178563	REV

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

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

