



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.

DRAWING NO.	MODEL	SHEET
185861-01	D30A	1,2,3,4,5
185861-02	D33C	1,2,3,4,5
185861-03	D36V	1,2,3,4,5
185861-04	D35G	1,2,3,4,5

RELEASE	REV/DATE	DWG NO	185861
REV ZONE	REVISION RECORD	DATE	DTR-ORIG

		D33C	D30A	D36V	D35G
SLIDEOUT WIRE #1		136151-03-026	136151-02-020	136151-03-025	136151-03-021
SLIDEOUT WIRE #2		136151-13-022	136151-06-020		
SLIDEOUT WIRE #3		136151-06-022	136151-12-020		
SLIDEOUT WIRE #4		136151-20-022	136151-13-020		
SLIDEOUT WIRE #5		136151-12-022			
SLIDEOUT WIRE #6		136151-03-022			
SLIDEOUT WIRE #7		136151-10-022			
THROW IN WIRE #1	1B1	136131-02-013	136131-12-218	136131-03-030	136131-03-015
	265	136134-02-013	136134-12-218	136134-03-030	136134-03-015
THROW IN WIRE #2	1B1	136131-12-033		136131-12-230	136131-12-024
	265	136134-12-033		136134-12-230	136134-12-024
THROW IN WIRE #3	1B1	136131-04-008	136131-04-011	136131-04-011	136131-04-011
	265	136134-04-008	136134-04-011	136134-04-011	136134-04-011
THROW IN WIRE #4	1B1	136131-12-008	136131-12-011	136131-12-011	136131-12-011
	265	136134-12-008	136134-12-011	136134-12-011	136134-12-011
THROW IN WIRE #5	1B1	136131-13-020	136131-02-078		136131-15-025
	265	136134-13-020	136134-02-078		136134-15-025
THROW IN WIRE #6	1B1	136131-12-263	136131-06-026		136131-12-162
	265	136134-12-263	136134-06-026		136134-12-162
THROW IN WIRE #7	1B1	136131-03-052	136131-12-038		136131-03-055
	265	136134-03-052	136134-12-038		136134-03-055
THROW IN WIRE #8	1B1	136131-03-049	136131-13-023		136131-12-030
	265	136134-03-049	136134-13-023		136134-12-030
THROW IN WIRE #9	1B1	136131-20-044			
	265	136134-20-044			
THROW IN WIRE #10	1B1	136131-10-037			
	265	136134-10-037			
THROW IN WIRE #11	1B1	136131-03-048			
	265	136134-03-048			
GENERATOR CABLE ASM	1B1			136137-01-041 (2)	
	265			136138-01-041 (2)	

- 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.






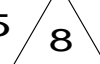

















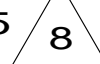

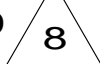










- BED-KING OFF SIDEWALL
- AIR SLEEP SYSTEM- KING SIZE
- EXT ENTERTAIN CTR W/TV & CD
- INVERTER-DC/AC, 1000 WATT
- CODES/STANDARDS-CSA/CMVSS
- CODES/STANDARDS USA

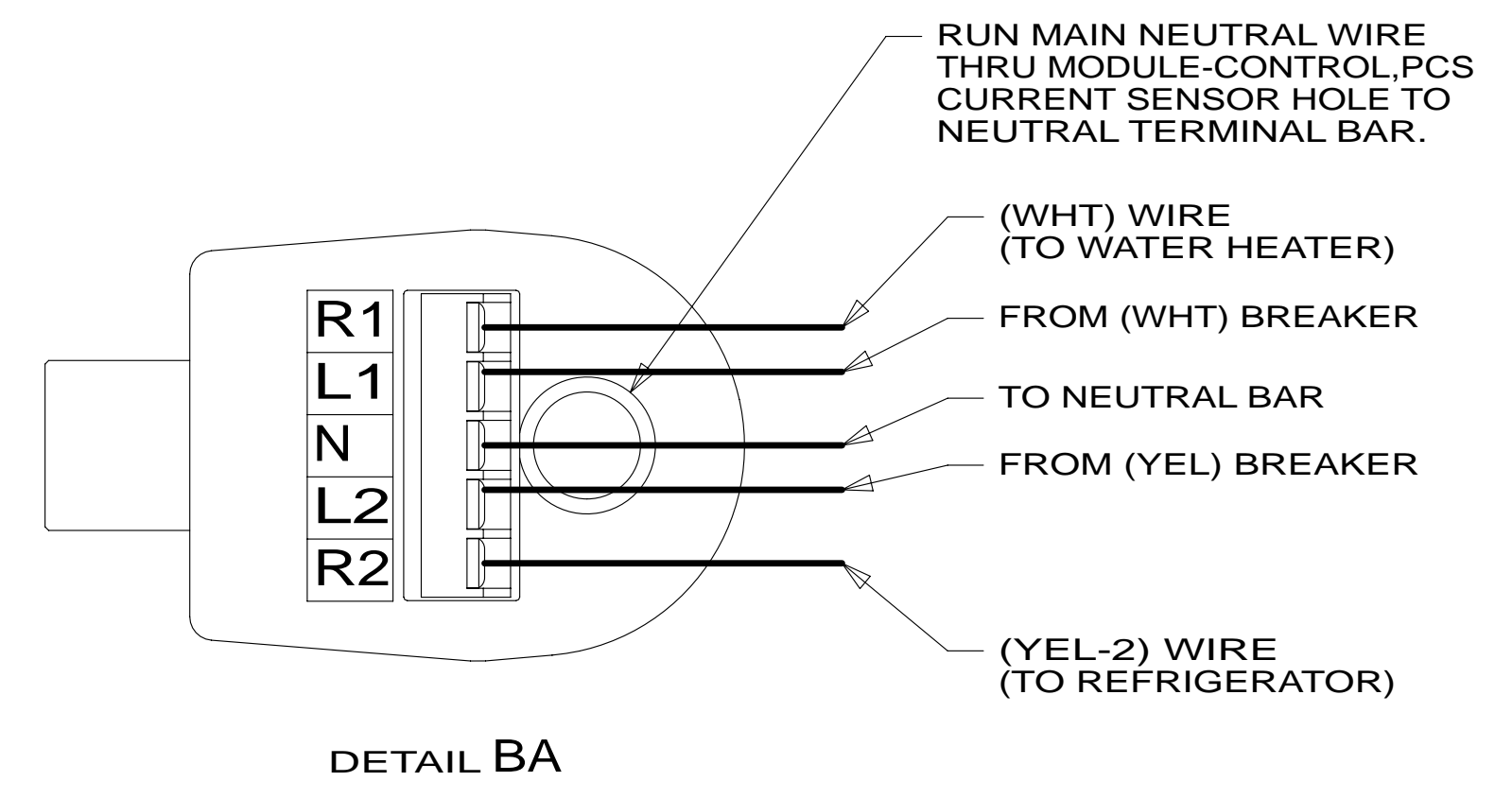
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DTR	ORIG. DATE
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	FIRST USED
DSNR	14 D-SERIES
UNSPECIFIED TOLERANCES ARE:	
WHOLE DIM (X)	: 3
ONE-PLACE (X.X)	: 1.5
TWO-PLACE (X.XX)	: 0.50
ANGLE	: 1°
THIRD ANGLE PROJECTION	
DO NOT SCALE DRAWING	REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES
TITLE: LOAD CENTER/ATS ASM	
SHEET 1 OF 5	PART NO 185861 REV


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

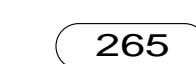
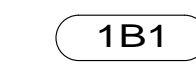
FOR
ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000

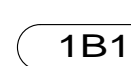
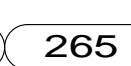
		D33C	D30A	D36V	D35G
RED	1B1	136135-07-061	136135-07-063	136135-07-039	136135-07-052
	265	136136-07-061	136136-07-063	136136-07-039	136136-07-052
YEL	1B1	136131-05-016	136131-05-032	136131-05-034	136131-05-012
	265	136134-05-016	136134-05-032	136134-05-034	136134-05-012
YEL-2	1B1	136131-13-083 	136131-13-045 	136131-13-038	136131-13-062
	265	136134-13-083 	136134-13-045 	136134-13-038	136134-13-062
BLK	1B1	136131-06-083 	136131-06-045 	136131-06-075	136131-06-020 
	265	136134-06-083 	136134-06-045 	136134-06-075	136134-06-020 
BRN	1B1	136131-03-096 	136131-03-138 	136131-03-155 	136131-03-030 
	265	136134-03-096 	136134-03-138 	136134-03-155 	136134-03-030 
BLU	1B1	136131-02-076 	136131-02-045 	136131-02-125	136131-02-150
	265	136134-02-076 	136134-02-045 	136134-02-125	136134-02-150
GRN	1B1	136135-08-058	136135-08-063	136135-08-039	136135-08-052
	265	136136-08-058	136136-08-063	136136-08-039	136136-08-052
PUR	1B1	136131-04-068 	136131-04-045 	136131-04-064 	136131-04-060 
	265	136134-04-068 	136134-04-045 	136134-04-064 	136134-04-060 
WHT	1B1	136135-09-040	136135-09-033	136135-09-051	136135-09-043
	265	136136-09-040	136136-09-033	136136-09-051	136136-09-043
MAIN	1B1	136139-01-066	136139-01-033	136139-01-049	136139-01-030
	265	136140-01-066	136140-01-033	136140-01-049	136140-01-030
GROUND MAIN		136145-01-016	136145-01-031	136145-01-032	136145-01-015
GROUND ATS		136145-01-052	136145-01-022	136145-01-052	136145-01-015
GRAY	1B1				136131-15-020 
	265				136134-15-020 
GOLD	1B1	136131-10-083 			136131-10-061
	265	136134-10-083 			136134-10-061
GOLD 2	1B1	136131-20-083 			136131-20-061
	265	136134-20-083 			136134-20-061




- NOTES:
1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.
 2. GROUND WIRES ARE NOT SHOWN FOR CLARITY.
 3. ALL WIRES TO BE CLAMPED WITHIN 200MM OF ATS.
 4. ALL 110V STRANDED WIRE W/O TERMINALS TO BE STRIPPED 10MM AND SOLDER DIPPED.
 5. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS

6. ATTACH WIRES TO BACKSIDE OF LOAD CENTER, USE EXISTING HOLES AND TIE-WIRE 116673-01-000.
 7. SEE WIRING INSTL-BODY,12V FOR ADDITIONAL INFORMATION.
-  SEE DETAIL DA FOR CONNECTOR INSTALLATION.

 CODES/STANDARDS-CSA/CMVSS
 CODES/STANDARDS USA

FIRST USED	 
14 D-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 2	PART NO 185861 REV

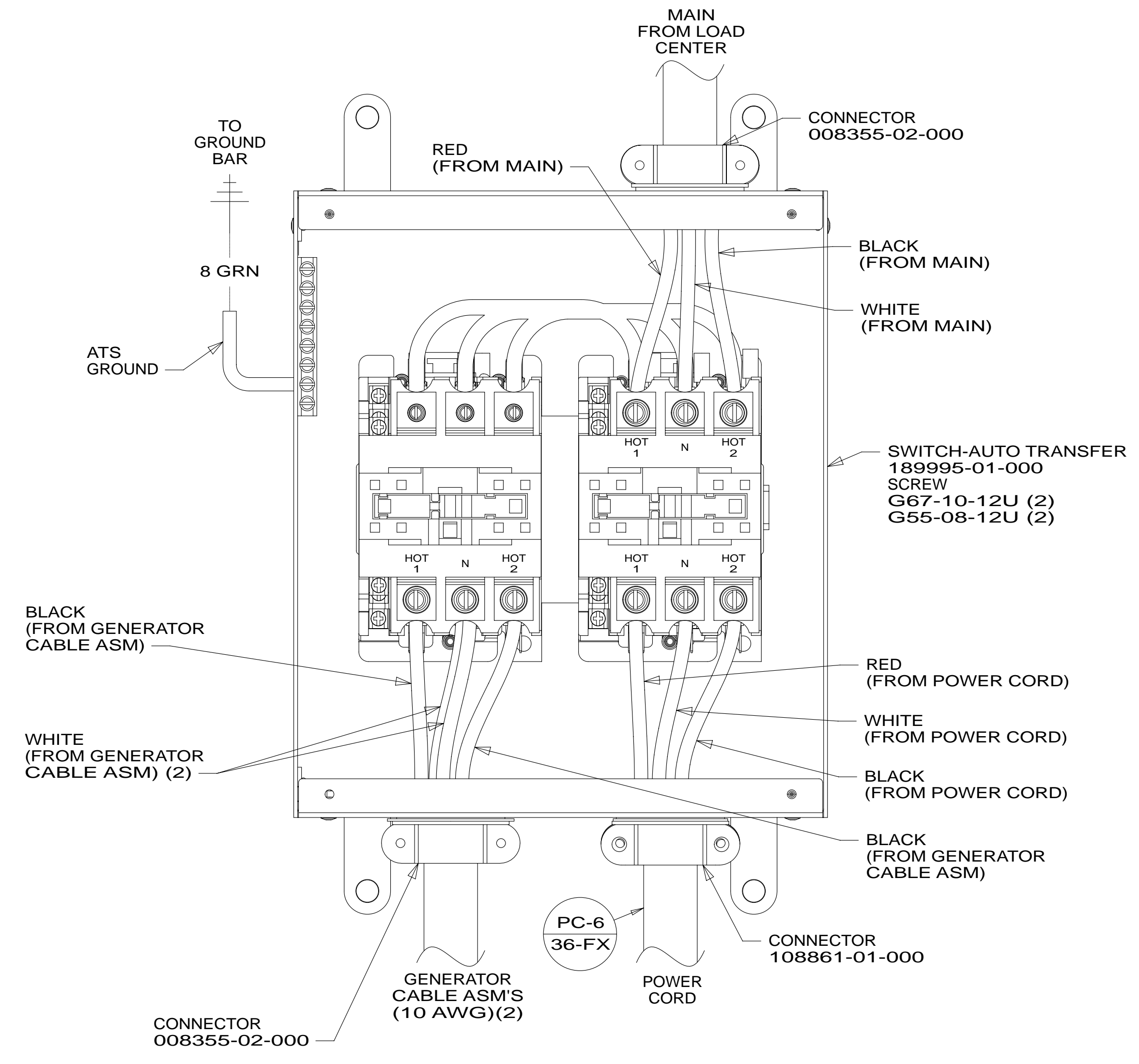
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

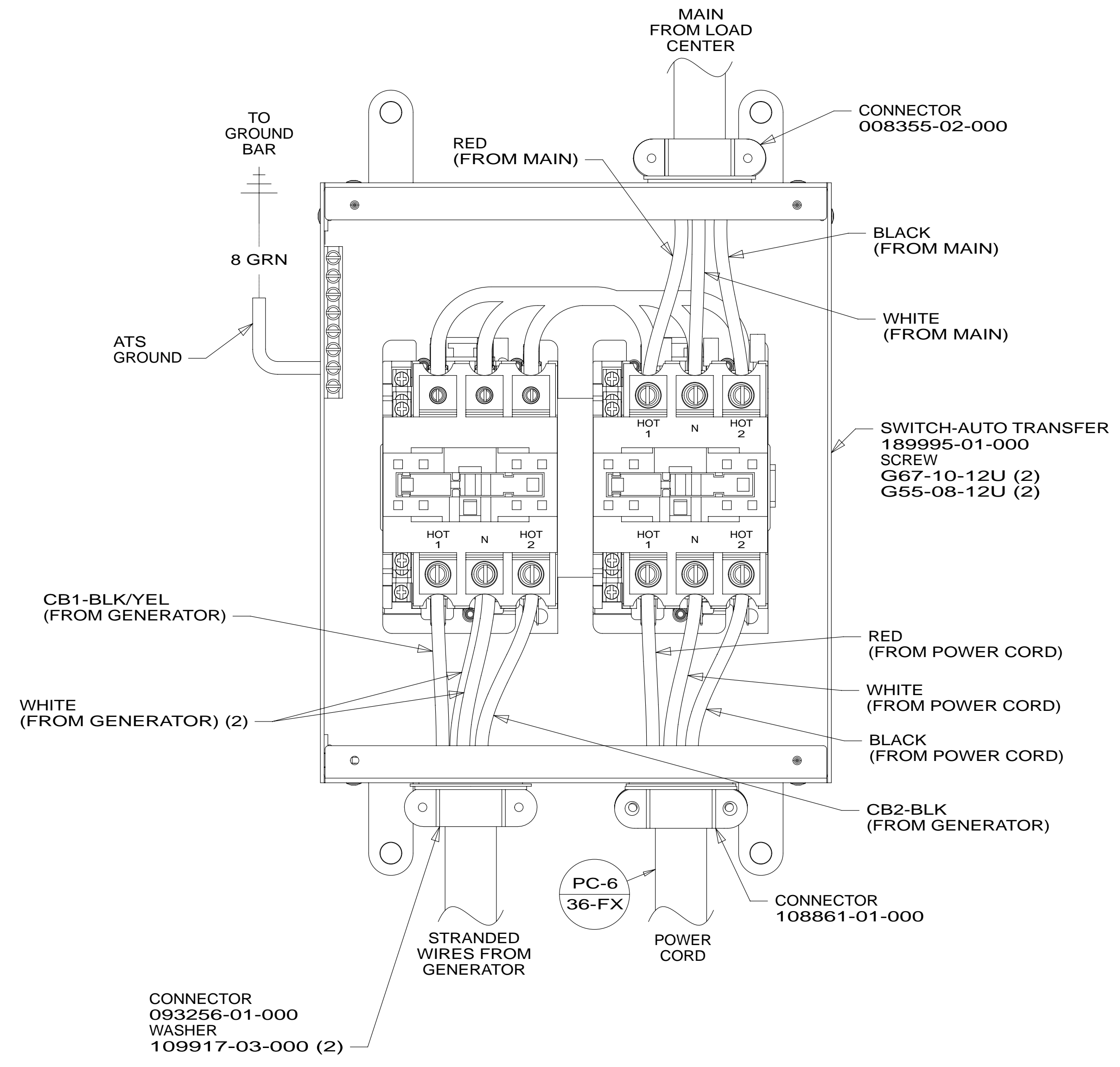
* 185861 *

8 7 6 5 4 3 2 1

D
C
B
A



D36V



D33C, D30A, D35G

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

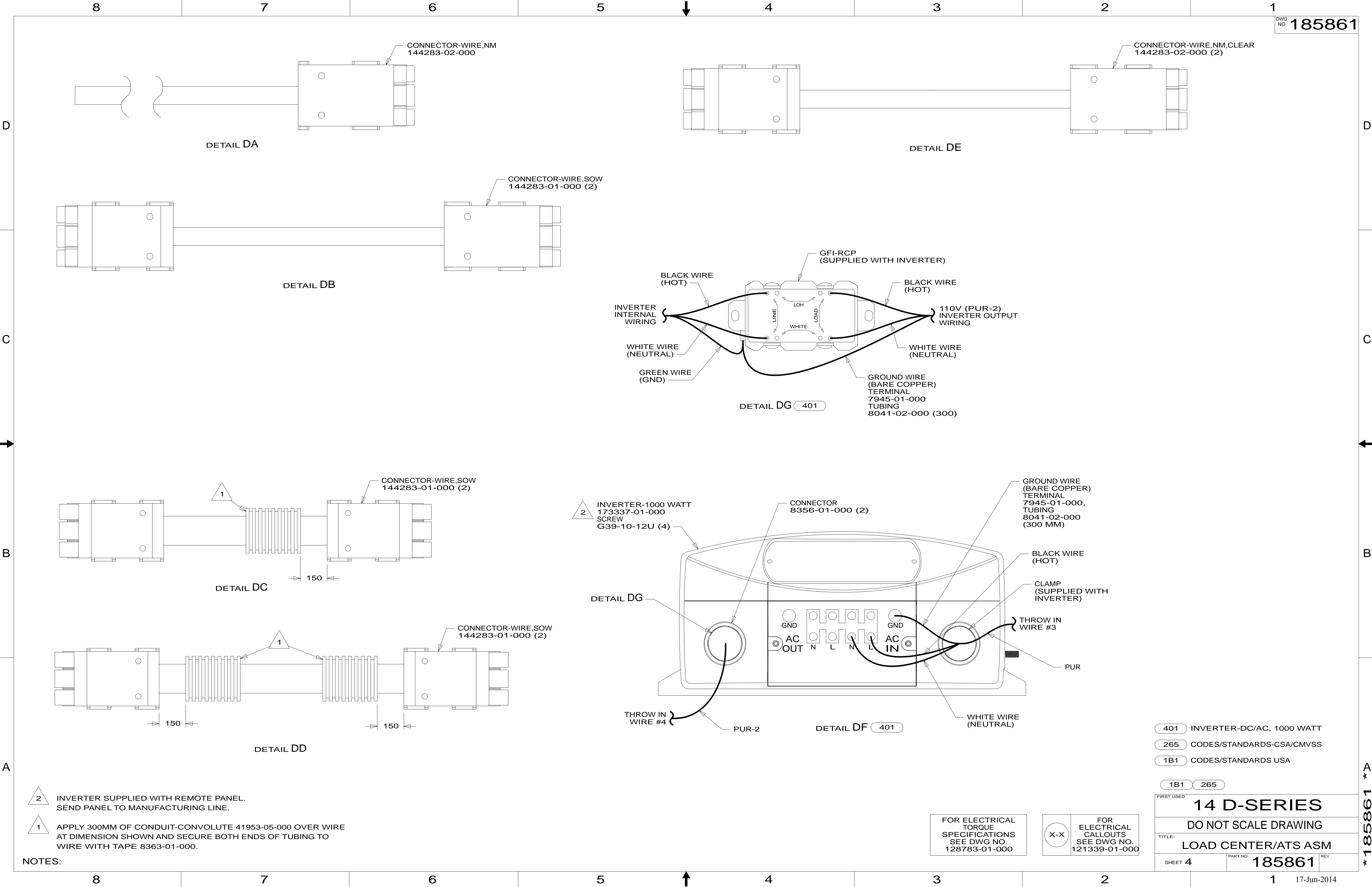
FOR ELECTRICAL CALLOUTS SEE DWG NO. 121339-01-000

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

FIRST USED	
14 D-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 3	PART NO 185861 REV

8 7 6 5 4 3 2 1

D
C
B
A
* 185861



NOTES:

2 INVERTER SUPPLIED WITH REMOTE PANEL. SEND PANEL TO MANUFACTURING LINE.

1 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.

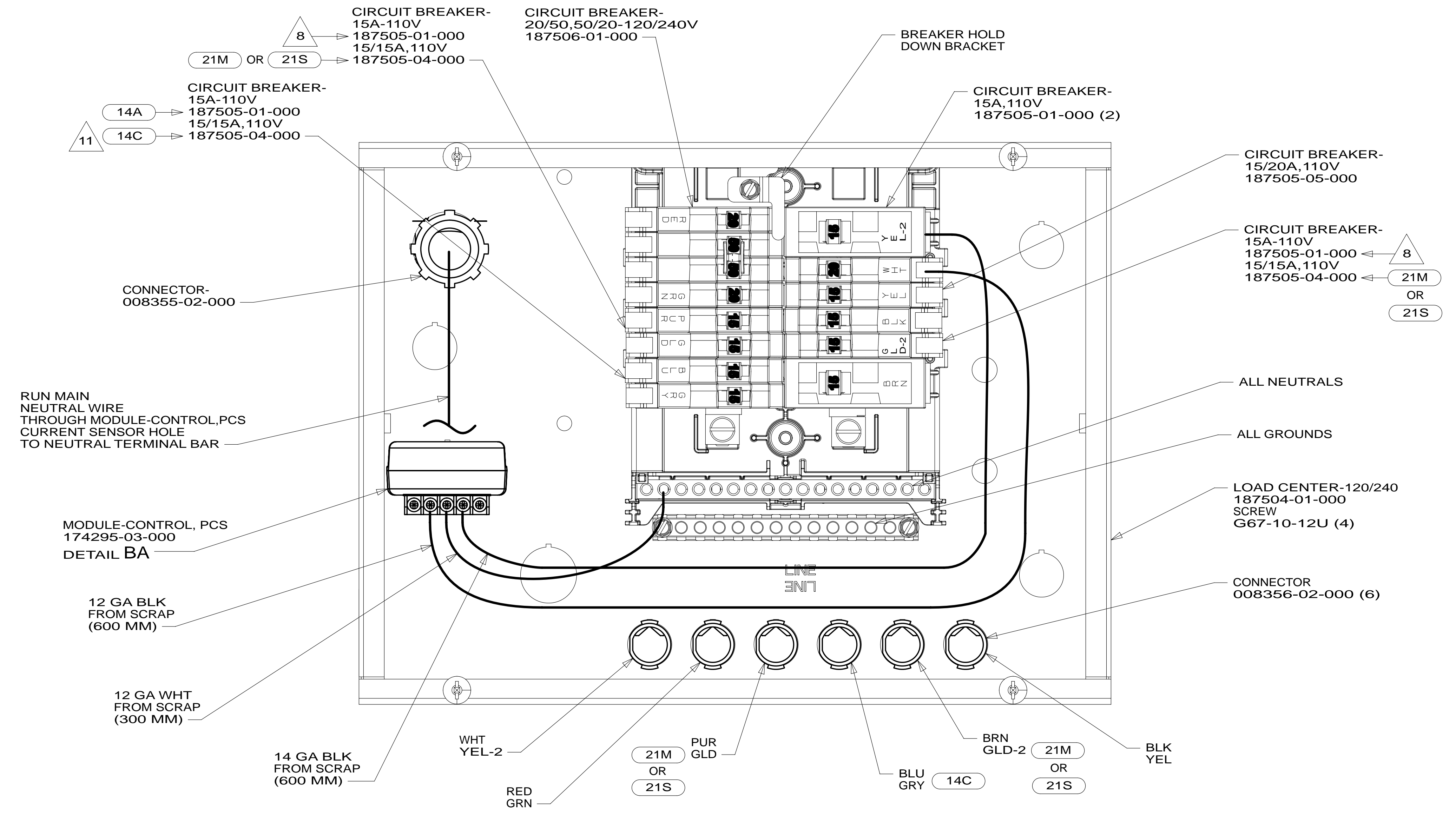
FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

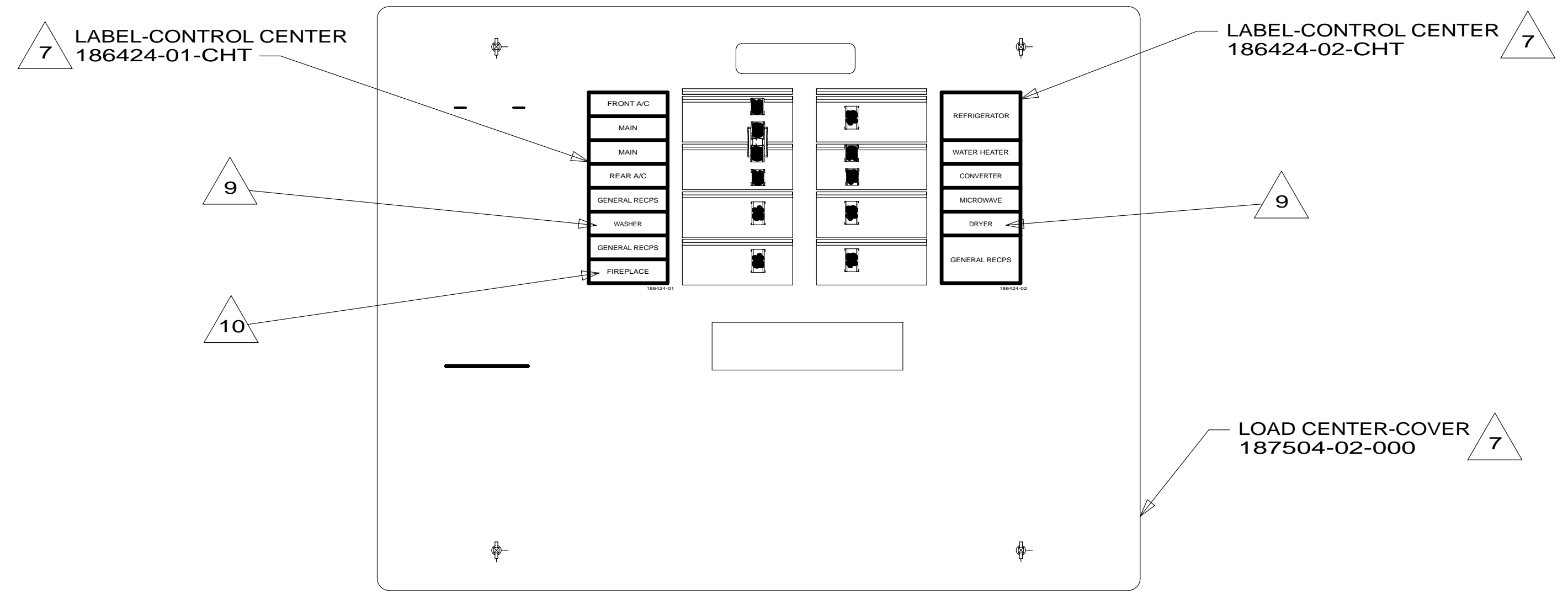
- 401 INVERTER-DC/AC, 1000 WATT
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	14 D-SERIES	
TITLE:	DO NOT SCALE DRAWING	
SHEET 4	PART NO 185861	REV
		17-Jun-2014

* 185861 A *



- 11 USED ALL THE TIME ON THE D35G.
- 10 BLACKEN OUT 'FIREPLACE' WITH BLACK MARKER ON D30A & D33C.
- 9 BLACKEN OUT 'WASHER' AND 'DRYER' WITH BLACK MARKER ON D30A & D33C.
- 8 NOT USED WITH 21M OR 21S
- 7 INSTALLED BY ASSEMBLY LINE.
- 6. REMOVE 400MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS
- 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.



- 21S WASHER & DRYER-PAIR
- 21M WASHER/DRYER PREP
- 14C FIREPLACE-ELECTRIC
- 14A FIREPLACE-ELECTRIC WITHOUT
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

FIRST USED	
14 D-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 5	PART NO 185861 REV

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

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

* 185861 A *