



DANGER

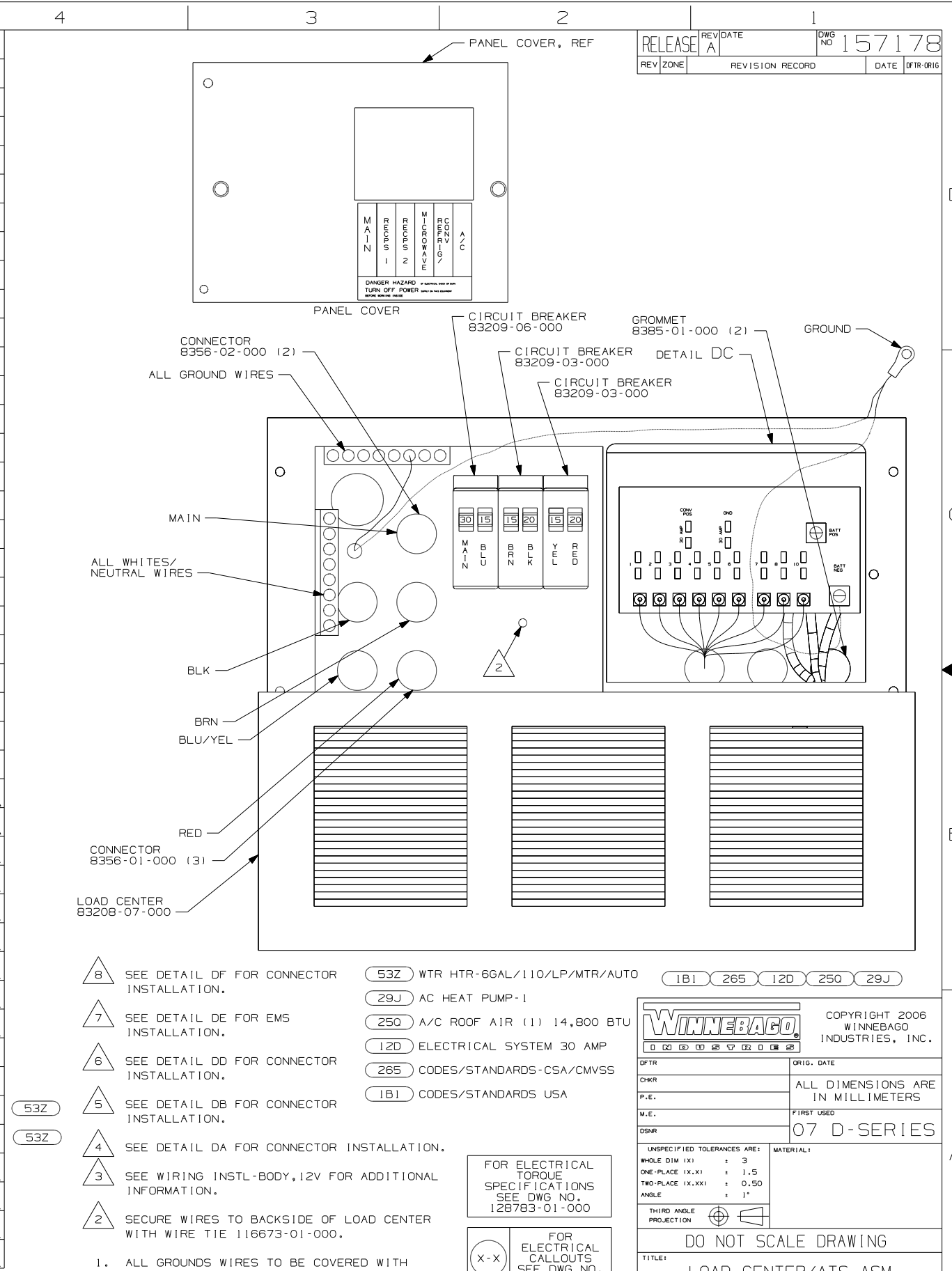
Danger of electrical shock, burns or death. Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.



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 |
|---------------------|-------|---------------|---------------|---------------|---------------|---------------|---------------|---|---|
| | | D29R | D30B | D33T | D34A | D26P | D35J | | |
| RED | 12-UL | 136135-07-045 | 136135-07-040 | 136135-07-070 | 136135-07-045 | 136135-07-080 | 136135-07-040 | | |
| | 12-CA | 136136-07-045 | 136136-07-040 | 136136-07-070 | 136136-07-045 | 136136-07-080 | 136136-07-040 | | |
| YEL | 14-UL | 136131-05-025 | 136131-05-035 | 136131-05-015 | 136131-05-010 | 136131-05-025 | 136135-05-012 | | |
| | 14-CA | 136134-05-025 | 136134-05-035 | 136134-05-015 | 136134-05-010 | 136134-05-025 | 136136-05-012 | | |
| YEL-2 | 14-UL | ----- | ----- | 136131-13-020 | 136131-13-026 | ----- | 136131-13-025 | | |
| | 14-CA | ----- | ----- | 136134-13-020 | 136134-13-026 | ----- | 136134-13-025 | | |
| BLK | 14-UL | ----- | ----- | 136131-06-043 | 136131-06-070 | ----- | 136131-06-045 | | |
| | 14-CA | ----- | ----- | 136134-06-043 | 136134-06-070 | ----- | 136134-06-045 | | |
| BLK | 12-UL | 136135-06-023 | 136135-06-049 | ----- | ----- | 136135-06-042 | ----- | | |
| | 12-CA | 136136-06-023 | 136136-06-049 | ----- | ----- | 136136-06-042 | ----- | | |
| BRN | 14-UL | 136131-03-091 | 136131-03-058 | 136131-03-120 | 136131-03-115 | 136131-03-085 | 136131-03-155 | | |
| | 14-CA | 136134-03-091 | 136134-03-058 | 136134-03-120 | 136134-03-115 | 136134-03-085 | 136134-03-155 | | |
| BLU | 14-UL | 136131-02-156 | 136131-02-170 | 136131-02-095 | 136131-02-140 | 136131-02-180 | 136131-02-110 | | |
| | 14-CA | 136134-02-156 | 136134-02-170 | 136134-02-095 | 136134-02-140 | 136134-02-180 | 136134-02-110 | | |
| MAIN | 10-UL | 136137-01-060 | 136137-01-060 | 136137-01-060 | 136137-01-059 | 136137-01-070 | 136137-01-065 | | |
| | 10-CA | 136138-01-060 | 136138-01-060 | 136138-01-060 | 136138-01-059 | 136138-01-070 | 136138-01-065 | | |
| GROUND | 8-G | 136145-01-022 | 136145-02-025 | 136145-01-028 | 136145-01-030 | 136145-01-012 | 136145-01-035 | | |
| GRN | 12-UL | ----- | ----- | 136135-08-072 | 136135-08-044 | ----- | 136135-08-036 | | |
| | 12-CA | ----- | ----- | 136136-08-072 | 136136-08-044 | ----- | 136136-08-036 | | |
| GRN-2 | 12-UL | ----- | ----- | 136135-14-060 | 136135-14-063 | ----- | 136135-14-070 | | |
| | 12-CA | ----- | ----- | 136136-14-060 | 136136-14-063 | ----- | 136136-14-070 | | |
| GRN-3 | 12-UL | ----- | ----- | 136135-18-012 | 136135-18-014 | ----- | 136135-18-015 | | |
| | 12-CA | ----- | ----- | 136136-18-012 | 136136-18-014 | ----- | 136136-18-015 | | |
| PUR | 14-UL | ----- | ----- | 136131-04-072 | 136131-04-041 | ----- | 136131-04-042 | | |
| | 14-CA | ----- | ----- | 136134-04-072 | 136134-04-041 | ----- | 136134-04-042 | | |
| BRN-2 | 14-UL | ----- | 136131-19-080 | ----- | ----- | ----- | 136131-19-050 | | |
| | 14-CA | ----- | 136134-19-080 | ----- | ----- | ----- | 136134-19-050 | | |
| SLIDEOUT WIRE #1 | | 136152-06-049 | 136151-03-040 | 136151-03-031 | 136151-06-029 | 136151-05-045 | 136151-02-043 | | |
| SLIDEOUT WIRE #2 | | 136151-03-032 | ----- | ----- | 136151-03-024 | 136151-03-045 | 136151-12-040 | | |
| SLIDEOUT WIRE #3 | | ----- | ----- | ----- | 136151-02-029 | 136151-03-025 | 136151-19-040 | | |
| THROW IN WIRE #1 | 14-UL | 136131-02-010 | 136131-03-035 | 136131-03-050 | 136131-02-025 | 136131-03-018 | 136131-12-030 | | |
| | 14-CA | 136134-02-010 | 136134-03-035 | 136134-03-050 | 136134-02-025 | 136134-03-018 | 136134-12-030 | | |
| THROW IN WIRE #2 | 14-UL | ----- | ----- | ----- | 136131-03-005 | 136131-03-035 | 136131-19-055 | | |
| | 14-CA | ----- | ----- | ----- | 136134-03-005 | 136134-03-035 | 136134-19-055 | | |
| GENERATOR CABLE ASM | UL | 136137-01-032 | ----- | ----- | ----- | ----- | ----- | | |
| | CA | 136138-01-032 | ----- | ----- | ----- | ----- | ----- | | |
| WHT | 12-UL | 136135-09-060 | 136135-09-060 | 136135-09-063 | 136135-09-060 | 136135-09-021 | 136135-09-016 | | |
| | 12-CA | 136136-09-060 | 136136-09-060 | 136136-09-063 | 136136-09-060 | 136136-09-021 | 136136-09-016 | | |
| THROW IN WIRE #3 | ----- | ----- | ----- | ----- | 136131-02-018 | ----- | 136131-02-028 | | |
| | ----- | ----- | ----- | ----- | 136134-02-018 | ----- | 136134-02-028 | | |
| PUR-2 | 14-UL | ----- | ----- | ----- | ----- | ----- | 136131-12-080 | | |
| | 14-CA | ----- | ----- | ----- | ----- | ----- | 136134-12-080 | | |



- NOTES:
- 8 SEE DETAIL DF FOR CONNECTOR INSTALLATION.
 - 7 SEE DETAIL DE FOR EMS INSTALLATION.
 - 6 SEE DETAIL DD FOR CONNECTOR INSTALLATION.
 - 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.
- 53Z WTR HTR-6GAL/110/LP/MTR/AUTO
 29J AC HEAT PUMP-1
 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
- 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
- TITLE: LOAD CENTER/ATS ASM
- SHEET 1 of 4 PART NO 157178 REV
- REF: 1 5/15/2007



ORIG. DATE
 ALL DIMENSIONS ARE IN MILLIMETERS

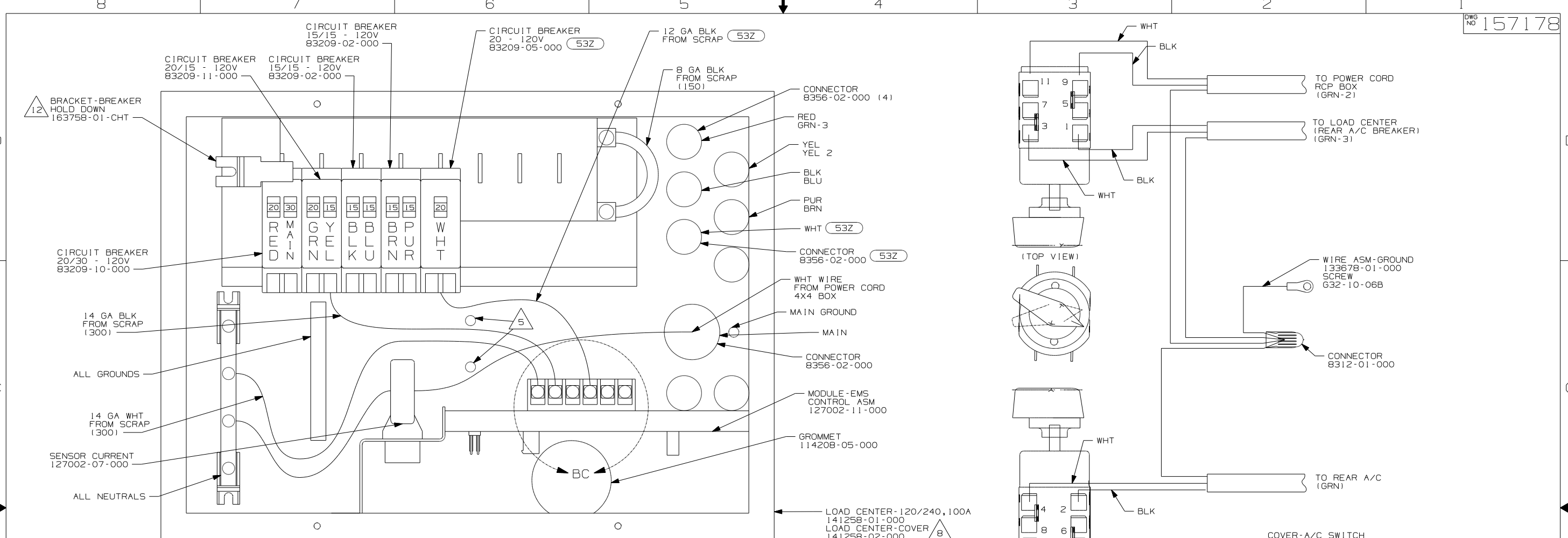
FIRST USED
 07 D-SERIES

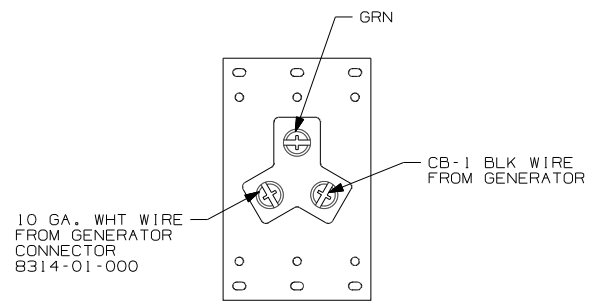
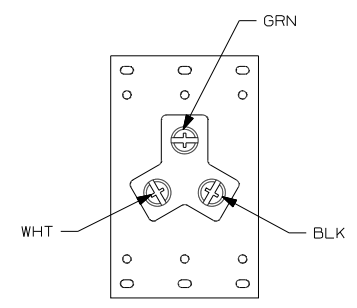
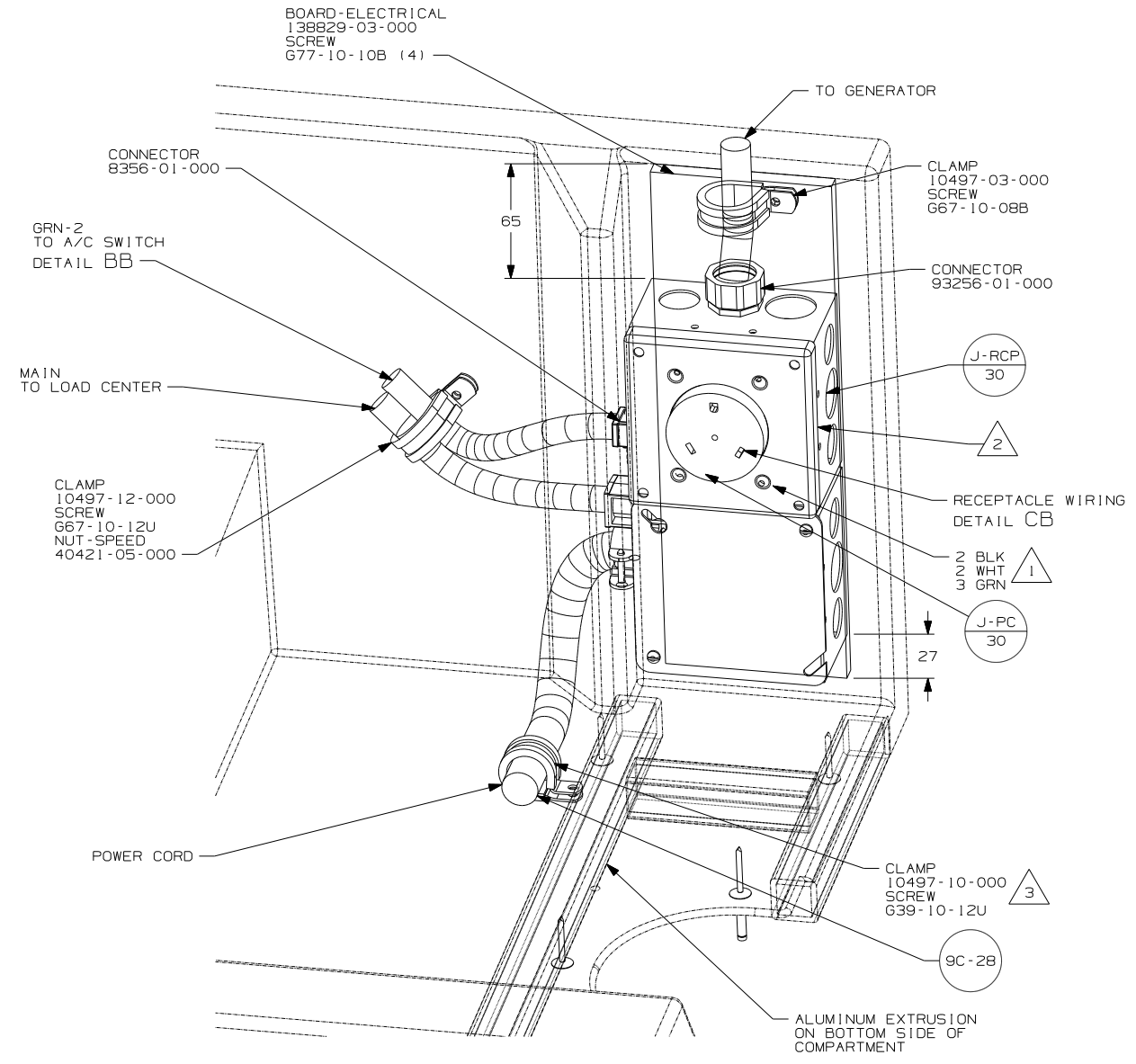
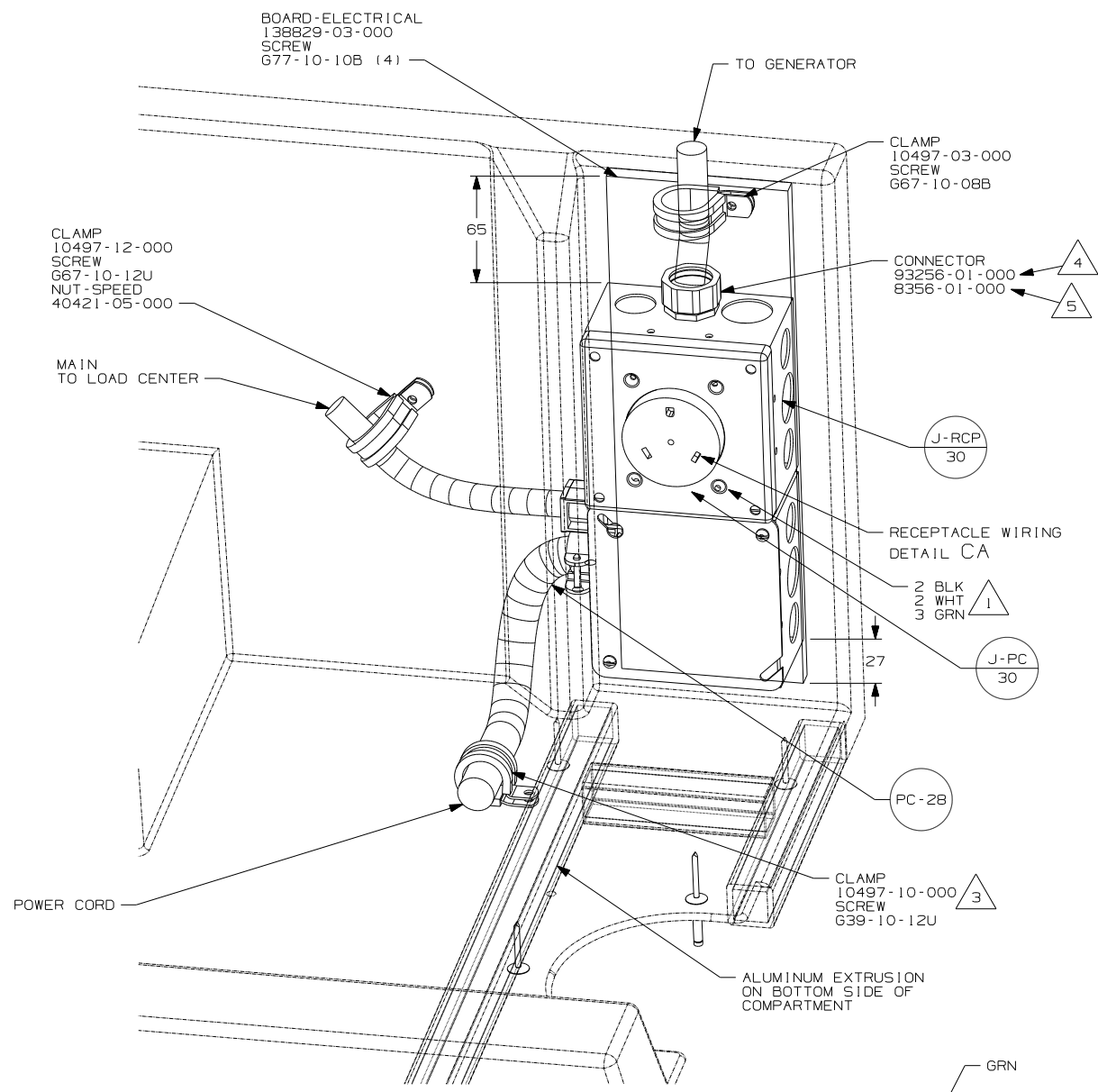
MATERIAL:

DO NOT SCALE DRAWING

TITLE: LOAD CENTER/ATS ASM

SHEET 1 of 4 PART NO 157178 REV





- NOTES:
- 5 USED ON D29R ONLY.
 - 4 USED ON D26P & D30B ONLY.
 - 3 SCREW CLAMP ON TO THE FLOOR OF COMPARTMENT INTO THE ALUMINUM EXTRUSION ON BOTTOM SIDE OF COMPARTMENT.
 - 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.

250 290

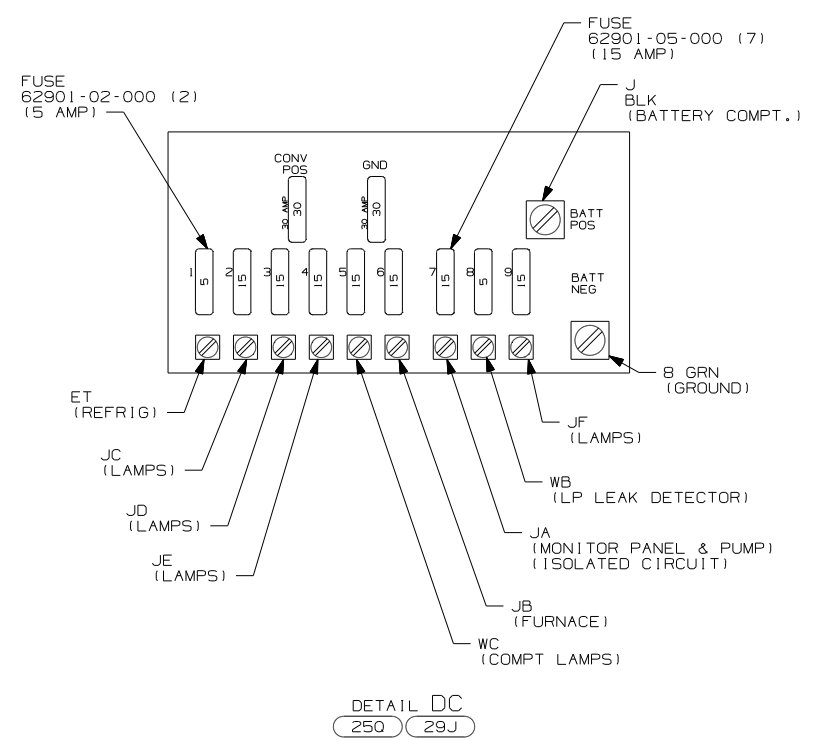
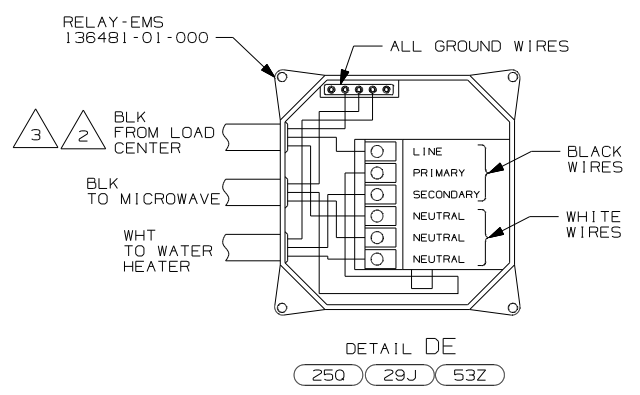
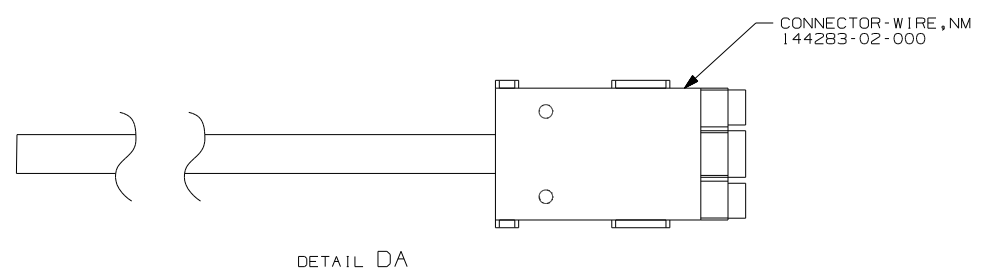
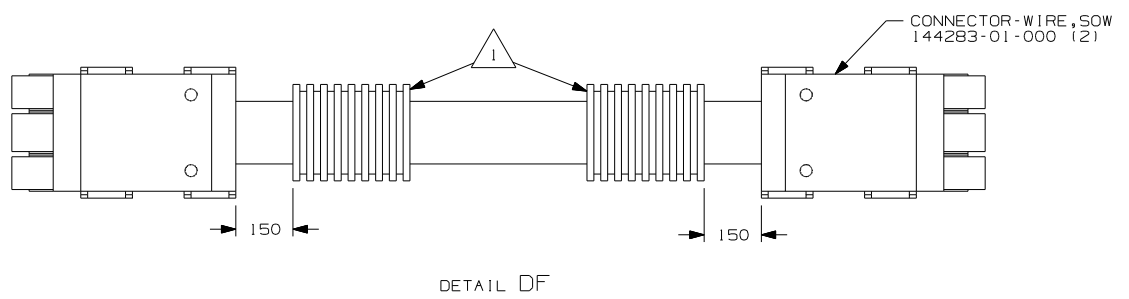
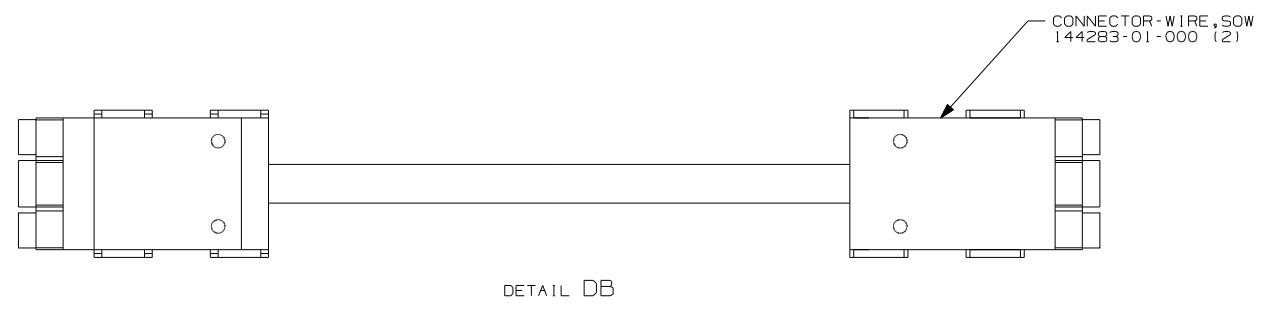
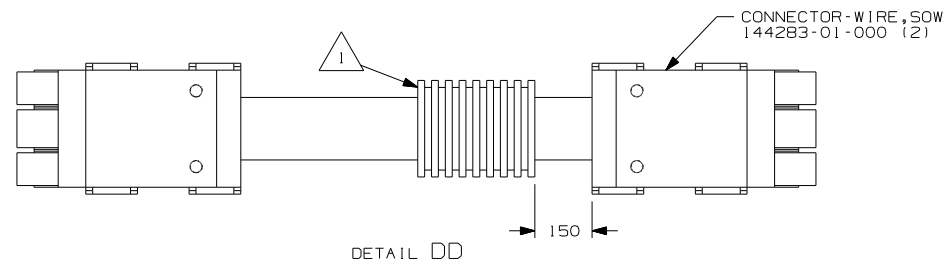
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FOR ELECTRICAL TORQUE SPECIFICATIONS SEE DWG NO. 128783-01-000

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

- 290 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
- 120 ELECTRICAL SYSTEM 30 AMP
- 265 CODES/STANDARDS-CSA/CMVSS
- 1B1 CODES/STANDARDS USA

| | |
|------------|----------------------|
| FIRST USED | 07 D-SERIES |
| TITLE: | DO NOT SCALE DRAWING |
| SHEET 3 | LOAD CENTER/ATS ASM |
| PART NO | 157178 |
| REV | |



- NOTES:
- 3 ON D26P MEASURE 2500MM FROM THE BACK OF THE LOAD CENTER, LOOP THE BLACK WIRE AND CONNECT AS SHOWN.
 - 2 ON D30B & D29R MEASURE 1200MM FROM THE BACK OF THE LOAD CENTER, LOOP THE BLACK WIRE AND CONNECT AS SHOWN.
 - 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.

- 53Z WTR HTR-6GAL/110/LP/MTR/AUTO
- 25Q A/C ROOF AIR (1) 14,800 BTU
- 29J AC HEAT PUMP-1

| | | | |
|------------|----------------------|--------|-----|
| FIRST USED | 07 D-SERIES | | |
| TITLE | DO NOT SCALE DRAWING | | |
| | LOAD CENTER/ATS ASM | | |
| SHEET 4 | PART NO | 157178 | REV |