

















**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             |   |
|---------------------------|--------|---|---------------|---|---------------|---------------|---|
|                           |        | S34TD   | S36GD         | S40AD   | S40KD         | S400D         | S40WD   |
| RED                       | 12-UL  | 136135-07-063   | 136135-07-063 | 136135-07-063   | 136135-07-063 | 136135-07-063 | 136135-07-063   |
|                           | 12-CA  | 136136-07-063   | 136136-07-063 | 136136-07-063   | 136136-07-063 | 136136-07-063 | 136136-07-063   |
| MAIN                      | 4-3 UL | 136141-01-030   | 136141-01-030 | 136141-01-030   | 136141-01-030 | 136141-01-030 | 136141-01-030   |
|                           | 4-3 CA | 136142-01-030   | 136142-01-030 | 136142-01-030   | 136142-01-030 | 136142-01-030 | 136142-01-030   |
| GRN                       | 12-UL  | 136135-08-063   | 136135-08-063 | 136135-08-063   | 136135-08-063 | 136135-08-063 | 136135-08-063   |
|                           | 12-CA  | 136136-08-063   | 136136-08-063 | 136136-08-063   | 136136-08-063 | 136136-08-063 | 136136-08-063   |
| INVERTER CHARGER MAIN     | 10-UL  | 136137-01-030   | 136137-01-035 | 136137-01-030   | 136137-01-030 | 136137-01-030 | 136137-01-030   |
|                           | 10-CA  | 136138-01-030   | 136138-01-035 | 136138-01-030   | 136138-01-030 | 136138-01-030 | 136138-01-030   |
| YEL                       | 14-UL  | 136131-05-085   | 136131-05-063 | 136131-05-070   | 136131-05-066 | 136131-05-060 | 136131-05-065   |
|                           | 14-CA  | 136134-05-085   | 136134-05-063 | 136134-05-070   | 136134-05-066 | 136134-05-060 | 136134-05-065   |
| YEL-2                     | 14-UL  | 136131-05-070  | 136131-05-072 | 136131-05-065    | 136131-05-076 | 136131-05-076 | 136131-05-076   |
|                           | 14-CA  | 136134-05-070  | 136134-05-072 | 136134-05-065    | 136134-05-076 | 136134-05-076 | 136134-05-076   |
| GLD                       | 12-UL  | 136135-10-070   | 136135-10-058 | 136135-10-075   | 136135-10-075 | 136135-10-065 | 136135-10-080   |
|                           | 12-CA  | 136136-10-070   | 136136-10-058 | 136136-10-075   | 136136-10-075 | 136136-10-065 | 136136-10-080   |
| WHT                       | 12 UL  | 136135-09-060   | 136135-09-040 | 136135-09-030   | 136135-09-035 | 136135-09-030 | 136135-09-030   |
|                           | 12 CA  | 136136-09-060   | 136136-09-040 | 136136-09-030   | 136136-09-035 | 136136-09-030 | 136136-09-030   |
| INVERTER CHARGER SUB MAIN | 10-UL  | 136137-01-030   | 136137-01-035 | 136137-01-030   | 136137-01-030 | 136137-01-030 | 136137-01-030   |
|                           | 10-CA  | 136138-01-030   | 136138-01-035 | 136138-01-030   | 136138-01-030 | 136138-01-030 | 136138-01-030   |
| BLU                       | 14-UL  | 136131-02-180   | 136131-02-152 | 136131-02-167   | 136131-02-140 | 136131-02-170 | 136131-02-213   |
|                           | 14-CA  | 136134-02-180   | 136134-02-152 | 136134-02-167   | 136134-02-140 | 136134-02-170 | 136134-02-213   |
| BRN                       | 14-UL  | 136131-03-104  | 136131-03-115 | 136131-03-210    | 136131-03-140 | 136131-03-165 | 136131-03-090    |
|                           | 14-CA  | 136134-03-104  | 136134-03-115 | 136134-03-210    | 136134-03-140 | 136134-03-165 | 136134-03-090    |
| PUR                       | 14-UL  | 136131-04-183   | 136131-04-160 | 136131-04-185   | 136131-04-170 | 136131-04-170 | 136131-04-180   |
|                           | 14-CA  | 136134-04-183   | 136134-04-160 | 136134-04-185   | 136134-04-170 | 136134-04-170 | 136134-04-180   |
| BLK                       | 14-UL  | 136131-06-075   | 136131-06-075 | 136131-06-065  | 136131-06-070 | 136131-06-080 | 136131-06-065  |
|                           | 14-CA  | 136134-06-075   | 136134-06-075 | 136134-06-065  | 136134-06-070 | 136134-06-080 | 136134-06-065  |
| SIL                       | 14-UL  | -----   | -----         | 136131-11-065   | 136131-11-070 | -----         | -----   |
|                           | 14-CA  | -----   | -----         | 136134-11-065   | 136134-11-070 | -----         | -----   |
| GROUND MAIN               |        | 136145-01-030   | 136145-01-030 | 136145-01-025   | 136145-01-025 | 136145-01-025 | 136145-01-025   |
| GROUND SUB MAIN           |        | 136145-01-030   | 136145-01-030 | 136145-01-025   | 136145-01-025 | 136145-01-025 | 136145-01-025   |
| GROUND ATS                |        | 136145-01-007   | 136145-01-007 | 136145-01-007   | 136145-01-007 | 136145-01-007 | 136145-01-007   |
| GROUND INVERTER           |        | 136145-01-013   | 136145-01-013 | 136145-01-013   | 136145-01-013 | 136145-01-013 | 136145-01-013   |
| CABLE ASM. GEN.           |        | 136148-02-105   | 136148-02-119 | 136148-02-125   | 136148-02-125 | 136148-02-125 | 136148-02-125   |

22T


54E 21M

214 21N

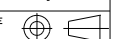
RELEASE REV DATE A 145024  
 REV ZONE REVISION RECORD DATE DFTR ORIG


- 265 CODES/STANDARDS - CSA/CMVSS
- 214 DISHWASHER DRAWER STYLE
- 54E WASHER/DRYER
- 22T VACUUM SYSTEM - CENTRAL
- 21N DISHWASHER/BUILT-IN
- 21M WASHER/DRYER PREP
- 1B1 CODES/STANDARDS - USA

1B1 265

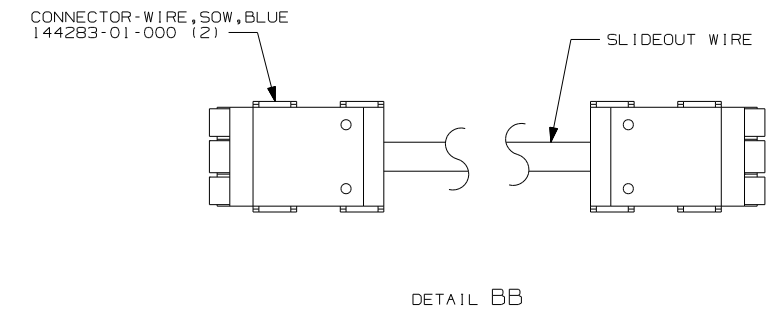
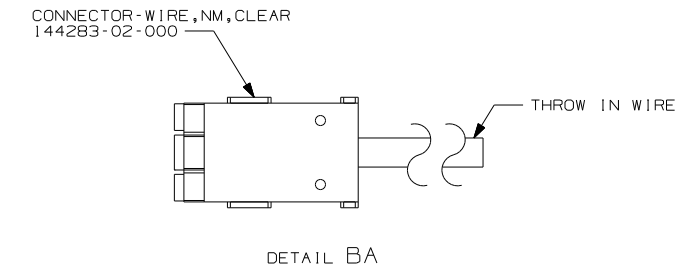


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|                             |   |
|-----------------------------|---|
| DFTR                        | ORIG. DATE  |
| CHKR                        | ALL DIMENSIONS ARE IN MILLIMETERS   |
| P.E.                        |   |
| M.E.                        | FIRST USED  |
| DSNR                        | 04 S-SERIES   |
| UNSPECIFIED TOLERANCES ARE: | MATERIAL:   |
| WHOLE DIM (X) :             |   |
| ONE-PLACE (X.X) :           |   |
| TWO-PLACE (X.XX) :          |   |
| ANGLE :                     |   |
| THIRD ANGLE PROJECTION      |  |
| DO NOT SCALE DRAWING        |   |
| TITLE: LOAD CENTER/ATS ASM  |   |
| SHEET 1 OF 3                | PART NO 145024  |

 SEE DETAIL BA FOR CONNECTOR INSTALLATION.  
 NOTES:

| 8                 |         | 7             |                | 6             |                | 5             |                | 4             |                | 3             |                | 2             |                | 1              |  |
|-------------------|---------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|--|
|                   |         | S34TD         |                | S36GD         |                | S40AD         |                | S40KD         |                | S40OD         |                | S40WD         |                |                |  |
| SLIDEOUT #1       | WIRE #1 | 136151-03-040 | △ <sub>2</sub> | 136151-03-030 | △ <sub>2</sub> | 136151-03-033 | △ <sub>2</sub> | 136151-03-025 | △ <sub>2</sub> | 136151-03-030 | △ <sub>2</sub> | 136151-03-015 | △ <sub>2</sub> |                |  |
| SLIDEOUT #1       | WIRE #2 | 136151-05-040 | △ <sub>2</sub> | -----         |                | 136151-06-033 | △ <sub>2</sub> | -----         |                | -----         |                | 136151-06-015 | △ <sub>2</sub> |                |  |
| SLIDEOUT #1       | WIRE #3 | -----         |                | -----         |                | 136151-11-026 | △ <sub>2</sub> | -----         |                | -----         |                | -----         |                | (214)          |  |
| SLIDEOUT #2       | WIRE #1 | 136151-04-020 | △ <sub>2</sub> | -----         |                | 136151-04-020 | △ <sub>2</sub> | 136151-04-020 | △ <sub>2</sub> | 136151-04-020 | △ <sub>2</sub> | 136151-04-020 | △ <sub>2</sub> |                |  |
| SLIDEOUT #3       | WIRE #1 | -----         |                | -----         |                | 136151-02-015 | △ <sub>2</sub> | 136151-02-021 | △ <sub>2</sub> | -----         |                | -----         |                |                |  |
| SLIDEOUT #3       | WIRE #2 | -----         |                | -----         |                | 136151-05-015 | △ <sub>2</sub> | 136151-06-021 | △ <sub>2</sub> | -----         |                | -----         |                |                |  |
| SLIDEOUT #3       | WIRE #3 | -----         |                | -----         |                | -----         |                | 136151-11-021 | △ <sub>2</sub> | -----         |                | -----         |                |                |  |
| THROW IN WIRE #1  | 14-UL   | 136131-04-075 | △ <sub>1</sub> | 136131-03-090 | △ <sub>1</sub> | 136131-03-032 | △ <sub>1</sub> | 136131-02-060 | △ <sub>1</sub> | 136131-04-084 | △ <sub>1</sub> | 136131-04-050 | △ <sub>1</sub> |                |  |
|                   | 14-CA   | 136134-04-075 | △ <sub>1</sub> | 136134-03-090 | △ <sub>1</sub> | 136134-03-032 | △ <sub>1</sub> | 136134-02-060 | △ <sub>1</sub> | 136134-04-084 | △ <sub>1</sub> | 136134-04-050 | △ <sub>1</sub> |                |  |
| THROW IN WIRE #2  | 14-UL   | 136131-04-050 | △ <sub>1</sub> | 136131-04-150 |                | -----         |                | 136131-02-065 | △ <sub>1</sub> | -----         |                | 136131-04-075 | △ <sub>1</sub> |                |  |
|                   | 14-CA   | 136134-04-050 | △ <sub>1</sub> | 136134-04-150 |                | -----         |                | 136134-02-065 | △ <sub>1</sub> | -----         |                | 136134-04-075 | △ <sub>1</sub> |                |  |
| THROW IN WIRE #3  | 14-UL   | -----         |                | -----         |                | 136131-11-006 | △ <sub>1</sub> | 136131-11-020 | △ <sub>1</sub> | -----         |                | -----         |                | (214) OR (21N) |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-11-006 | △ <sub>1</sub> | 136134-11-020 | △ <sub>1</sub> | -----         |                | -----         |                |                |  |
| THROW IN WIRE #4  | 14-UL   | -----         |                | -----         |                | 136131-02-030 | △ <sub>1</sub> | 136131-04-075 | △ <sub>1</sub> | 136131-04-050 | △ <sub>1</sub> | 136131-03-020 | △ <sub>1</sub> |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-02-030 | △ <sub>1</sub> | 136134-04-075 | △ <sub>1</sub> | 136134-04-050 | △ <sub>1</sub> | 136134-03-020 | △ <sub>1</sub> |                |  |
| THROW IN WIRE #5  | 14-UL   | -----         |                | -----         |                | 136131-05-017 | △ <sub>1</sub> | 136131-06-010 | △ <sub>1</sub> | -----         |                | 136131-03-060 |                |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-05-017 | △ <sub>1</sub> | 136134-06-010 | △ <sub>1</sub> | -----         |                | 136134-03-060 |                |                |  |
| THROW IN WIRE #6  | 14-UL   | -----         |                | -----         |                | 136131-04-075 | △ <sub>1</sub> | 136131-03-075 | △ <sub>1</sub> | -----         |                | 136131-06-040 | △ <sub>1</sub> |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-04-075 | △ <sub>1</sub> | 136134-03-075 | △ <sub>1</sub> | -----         |                | 136134-06-040 | △ <sub>1</sub> |                |  |
| THROW IN WIRE #7  | 14-UL   | -----         |                | -----         |                | 136131-04-050 | △ <sub>1</sub> | 136131-04-060 | △ <sub>1</sub> | -----         |                | -----         |                |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-04-050 | △ <sub>1</sub> | 136134-04-060 | △ <sub>1</sub> | -----         |                | -----         |                |                |  |
| THROW IN WIRE #8  | 14-UL   | -----         |                | -----         |                | 136131-02-045 | △ <sub>1</sub> | -----         |                | -----         |                | -----         |                |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-02-045 | △ <sub>1</sub> | -----         |                | -----         |                | -----         |                |                |  |
| THROW IN WIRE #9  | 14-UL   | -----         |                | -----         |                | 136131-02-020 |                | -----         |                | -----         |                | -----         |                |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-02-020 |                | -----         |                | -----         |                | -----         |                |                |  |
| THROW IN WIRE #10 | 14-UL   | -----         |                | -----         |                | 136131-02-050 |                | 136131-02-050 |                | 136131-02-050 |                | 136131-02-050 |                |                |  |
|                   | 14-CA   | -----         |                | -----         |                | 136134-02-050 |                | 136134-02-050 |                | 136134-02-050 |                | 136134-02-050 |                | (11E)          |  |



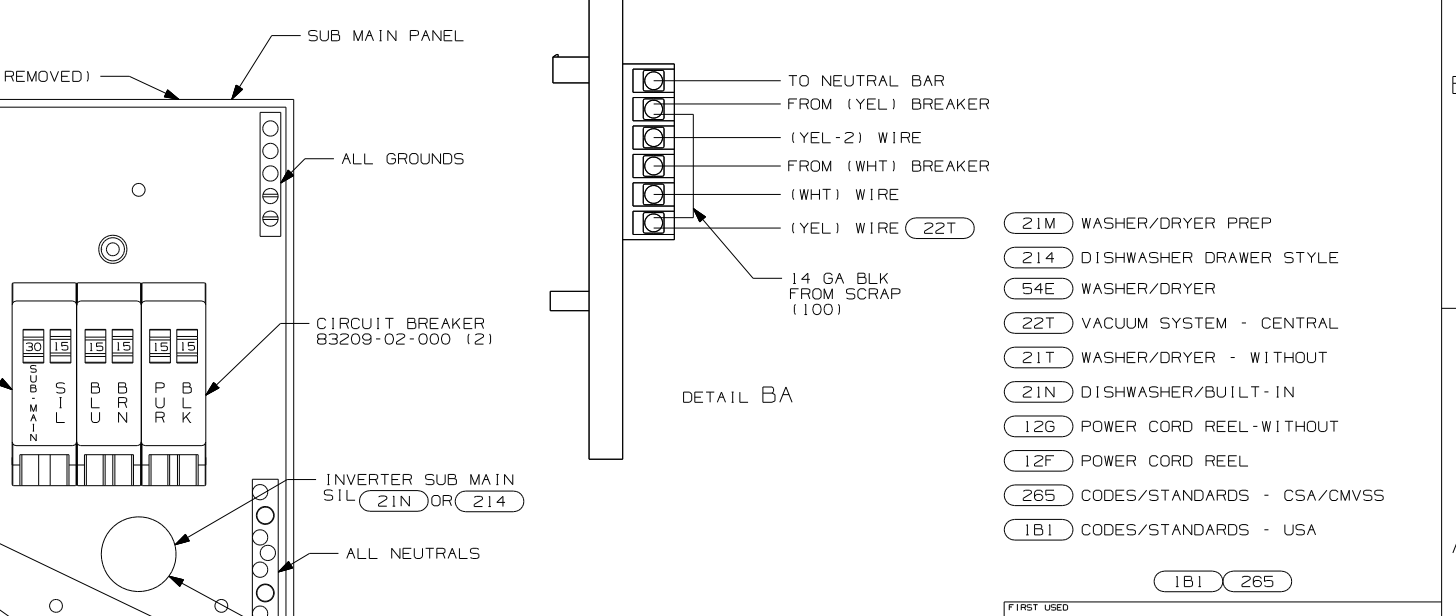
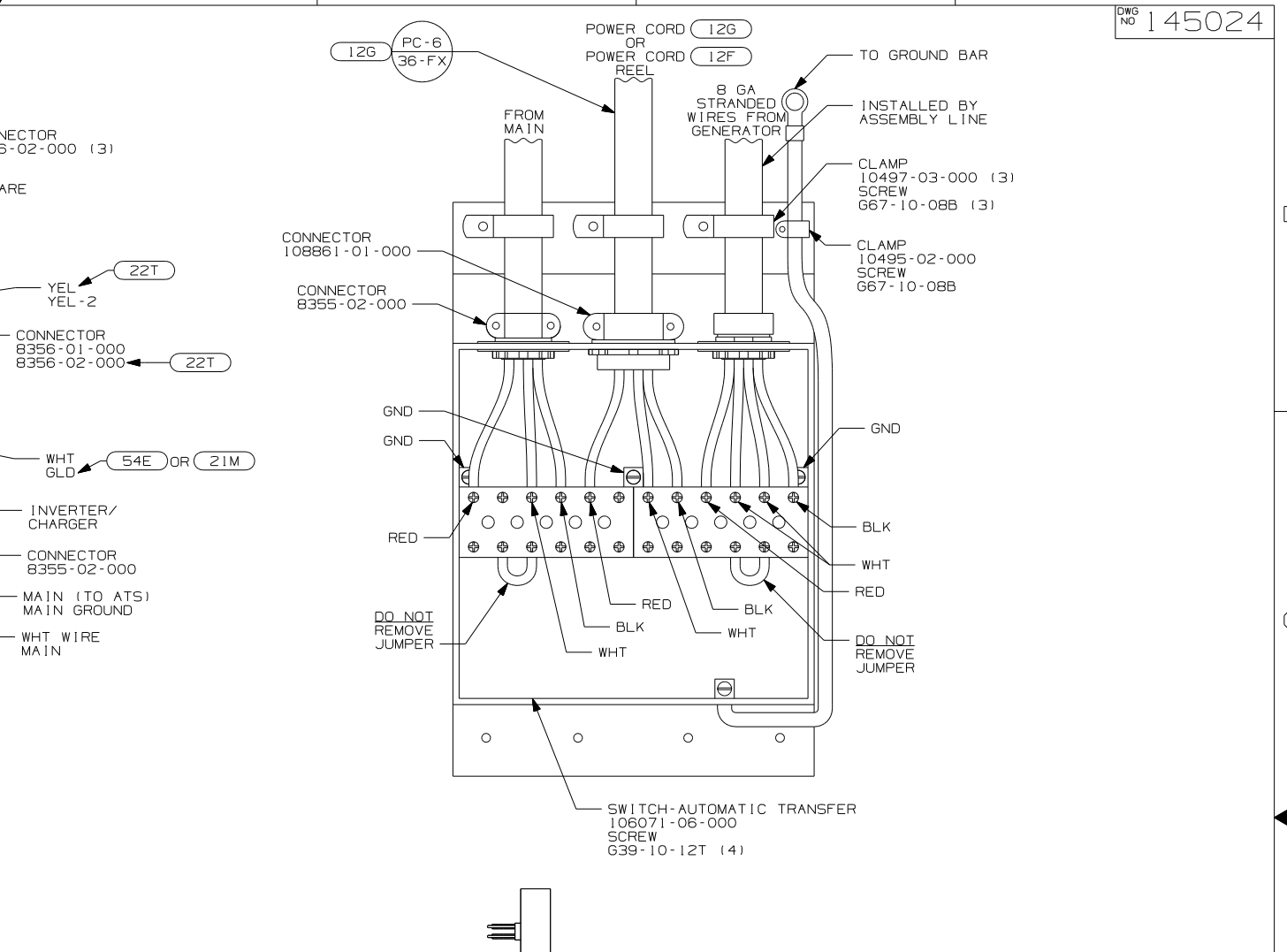
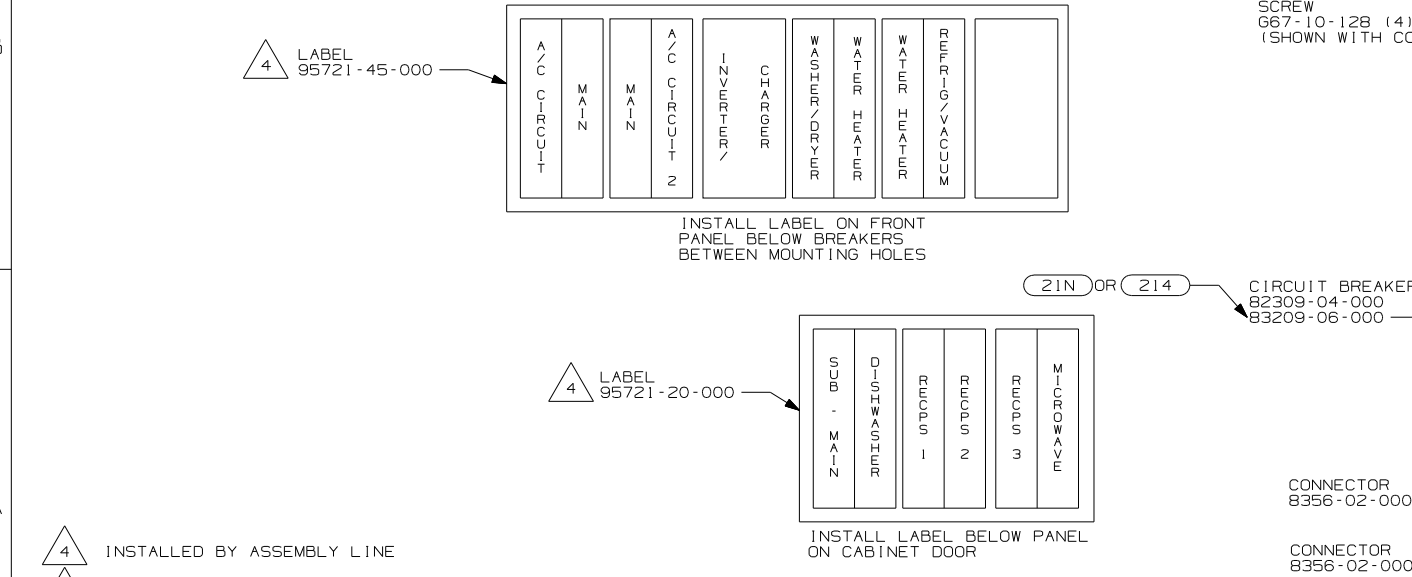
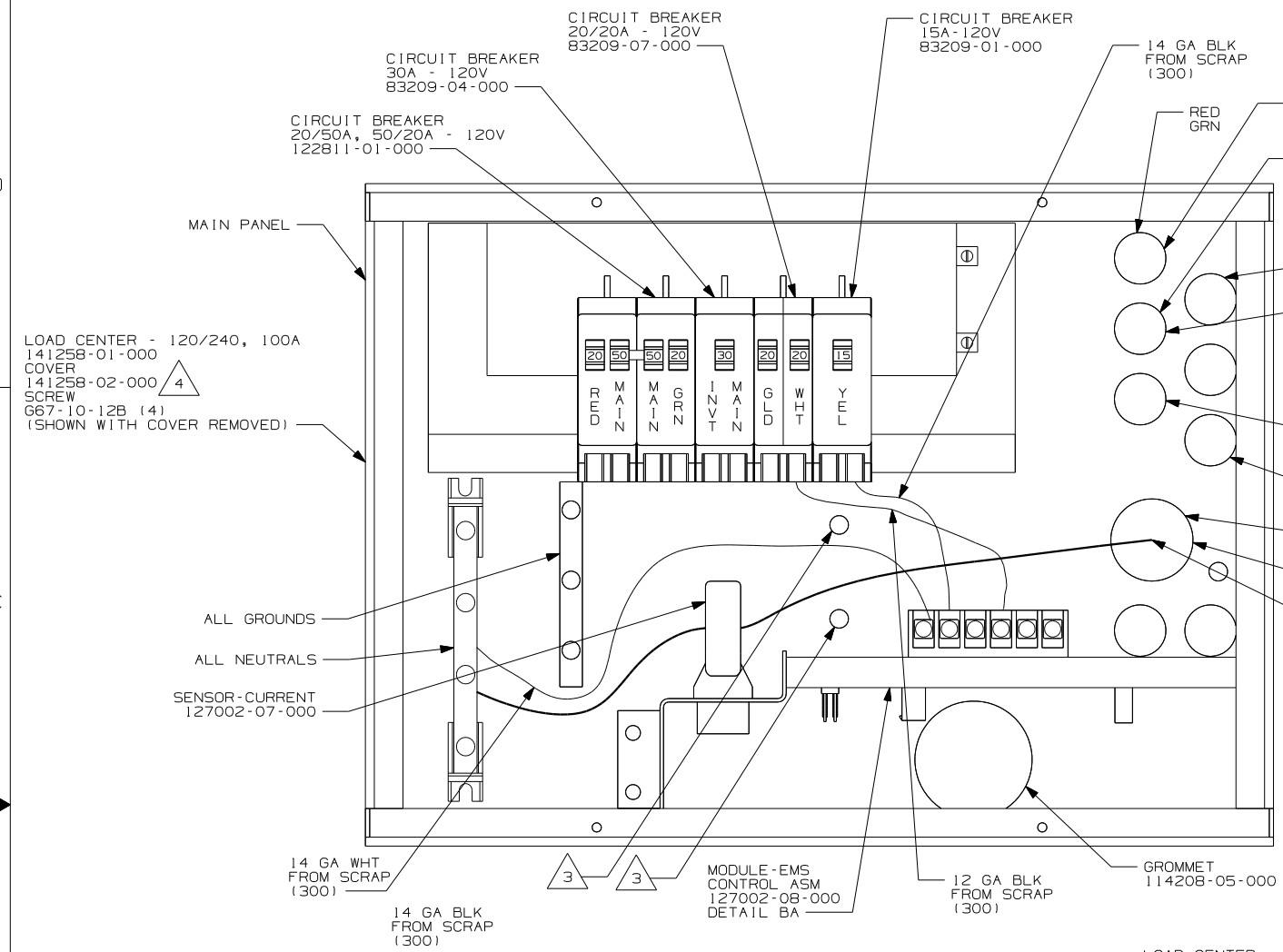
- (11E) REFRIGERATOR/FREEZER PORTABL
- (21N) DISHWASHER/BUILT-IN
- (214) DISHWASHER DRAWER STYLE
- (265) CODES/STANDARDS-CSA/CMVSS
- (1B1) CODES/STANDARDS-USA

|                      |         |             |  |
|----------------------|---------|-------------|--|
| FIRST USED           |         | 04 S-SERIES |  |
| DO NOT SCALE DRAWING |         |             |  |
| TITLE:               |         |             |  |
| LOAD CENTER/ATS ASM  |         |             |  |
| SHEET 2              | PART NO | 145024      |  |

NOTES:

△<sub>2</sub> SEE DETAIL BB FOR CONNECTOR INSTALLATION.

△<sub>1</sub> SEE DETAIL BA FOR CONNECTOR INSTALLATION.



- NOTES:
- 4 INSTALLED BY ASSEMBLY LINE
  - 3 ATTATCH WIRES ON BACK OF LOAD CENTER WITH WIRE TIE 116673-01-000.
  - 2. WIRE MUST BE 500 LONG INSIDE BOX.
  - 1. ALL GROUND WIRES TO BE COVERED WITH TUBING 8041-02-000.

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

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

- (21M) WASHER/DRYER PREP
- (214) DISHWASHER DRAWER STYLE
- (54E) WASHER/DRYER
- (22T) VACUUM SYSTEM - CENTRAL
- (21T) WASHER/DRYER - WITHOUT
- (21N) DISHWASHER/BUILT-IN
- (12G) POWER CORD REEL -WITHOUT
- (12F) POWER CORD REEL
- (265) CODES/STANDARDS - CSA/CMVSS
- (1B1) CODES/STANDARDS - USA

|                     |                      |
|---------------------|----------------------|
| FIRST USED          | 04 S-SERIES          |
| TITLE               | DO NOT SCALE DRAWING |
| SHEET 3             | PART NO 145024       |
| LOAD CENTER/ATS ASM |                      |