



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	
		S36GD	S36RD	S40AD	S40KD	S40FD									
RED	12-UL	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									
MAIN	4-3 UL	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									
GRN	12-UL	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									
INVERTER CHARGER MAIN	10-UL	136137-01-035	136137-01-035	136137-01-030	136137-01-030	136137-01-030									
	10-CA	136138-01-035	136138-01-035	136138-01-030	136138-01-030	136138-01-030									
YEL	14-UL	136131-05-063	136131-05-045	136131-05-070	136131-05-060	136131-05-055									
	14-CA	136134-05-063	136134-05-045	136134-05-070	136134-05-060	136134-05-055		22T							
YEL-2	14-UL	136131-13-072	136131-13-065 ¹	136131-13-065 ¹	136131-13-076	136131-13-055 ¹									
	14-CA	136134-13-072	136134-13-065 ¹	136134-13-065 ¹	136134-13-076	136134-13-055 ¹									
YEL-3	14-UL	136131-17-020	136131-17-020	136131-17-020	136131-17-020	136131-17-020									
	14-CA	136134-17-020	136134-17-020	136134-17-020	136134-17-020	136134-17-020									
GLD	12-UL	136135-10-058	136135-10-065	136135-10-075	136135-10-075	136135-10-105		54E 21M							
	12-CA	136136-10-058	136136-10-065	136136-10-075	136136-10-075	136136-10-105									
WHT	12 UL	136135-09-040	136135-09-040	136135-09-030	136135-09-035	136135-09-060									
	12 CA	136136-09-040	136136-09-040	136136-09-030	136136-09-035	136136-09-060									
INVERTER CHARGER SUB MAIN	10-UL	136137-01-035	136137-01-035	136137-01-030	136137-01-030	136137-01-030									
	10-CA	136138-01-035	136138-01-035	136138-01-030	136138-01-030	136138-01-030									
BLU	14-UL	136131-02-190	136131-02-150 ¹	136131-02-187	136131-02-130	136131-02-130 ¹									
	14-CA	136134-02-190	136134-02-150 ¹	136134-02-187	136134-02-130	136134-02-130 ¹									
BRN	14-UL	136131-03-115	136131-03-185 ¹	136131-03-190 ¹	136131-03-140	136131-03-170 ¹									
	14-CA	136134-03-115	136134-03-185 ¹	136134-03-190 ¹	136134-03-140	136134-03-170 ¹									
PUR	14-UL	136131-04-160	136131-04-120	136131-04-185	136131-04-170	136131-04-179									
	14-CA	136134-04-160	136134-04-120	136134-04-185	136134-04-170	136134-04-179									
BLK	14-UL	136131-06-075	136131-06-058 ¹	136131-06-065 ¹	136131-06-070 ¹	136131-06-070 ¹									
	14-CA	136134-06-075	136134-06-058 ¹	136134-06-065 ¹	136134-06-070 ¹	136134-06-070 ¹									
SIL	14-UL	-----	136131-11-060 ¹	136131-11-065	136131-11-070 ¹	136131-11-065		214 21N							
	14-CA	-----	136134-11-060 ¹	136134-11-065	136134-11-070 ¹	136134-11-065		214 21N							
GROUND MAIN		136145-01-030	136145-01-030	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									
GROUND ATS		136145-01-007	136145-01-007	136145-01-007	136145-01-007	136145-01-007									
GROUND INVERTER		136145-01-014	136145-01-014	136145-01-014	136145-01-014	136145-01-014									
CABLE ASM. GEN.		136148-02-119	136148-02-110	136148-02-116	136148-02-116	136148-02-125									
CONDUIT ASM-CENTRAL A/C		151704-01-032	151704-01-032	151704-01-038	151704-01-038	151704-01-038									

- 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 _____ 05 S-SERIES

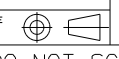
UNSPECIFIED TOLERANCES ARE: MATERIAL:

HOLE DIM (X) : _____

ONE-PLACE (X.X) : _____

TWO-PLACE (X.XX) : _____


ANGLE : _____

THIRD ANGLE PROJECTION 

DO NOT SCALE DRAWING

TITLE: LOAD CENTER/ATS ASM

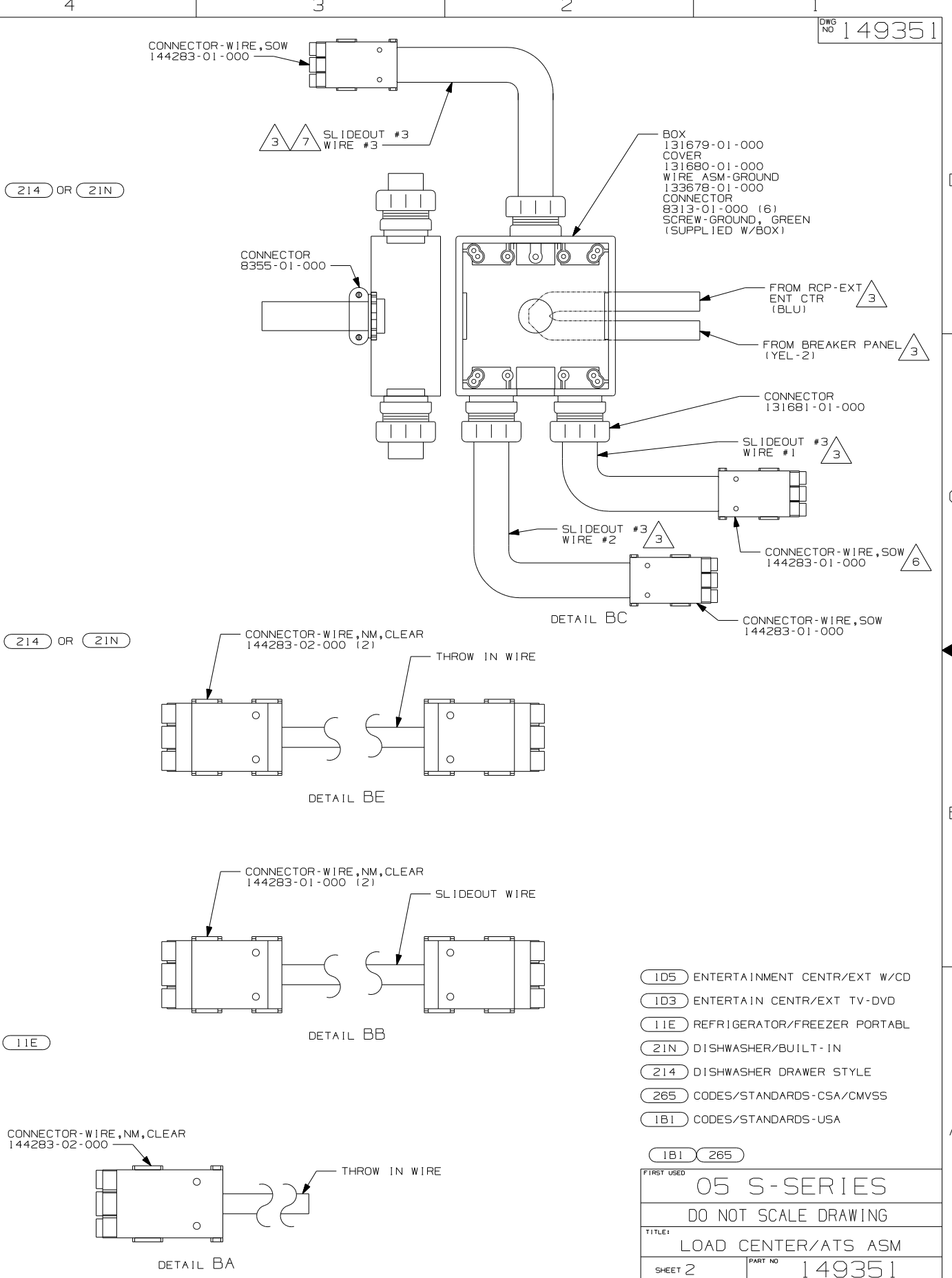
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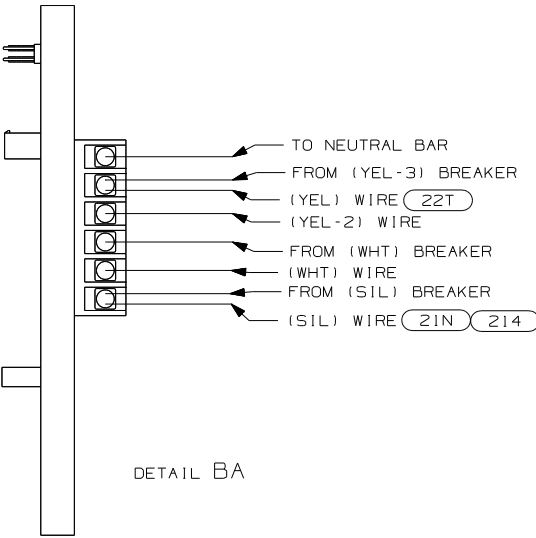
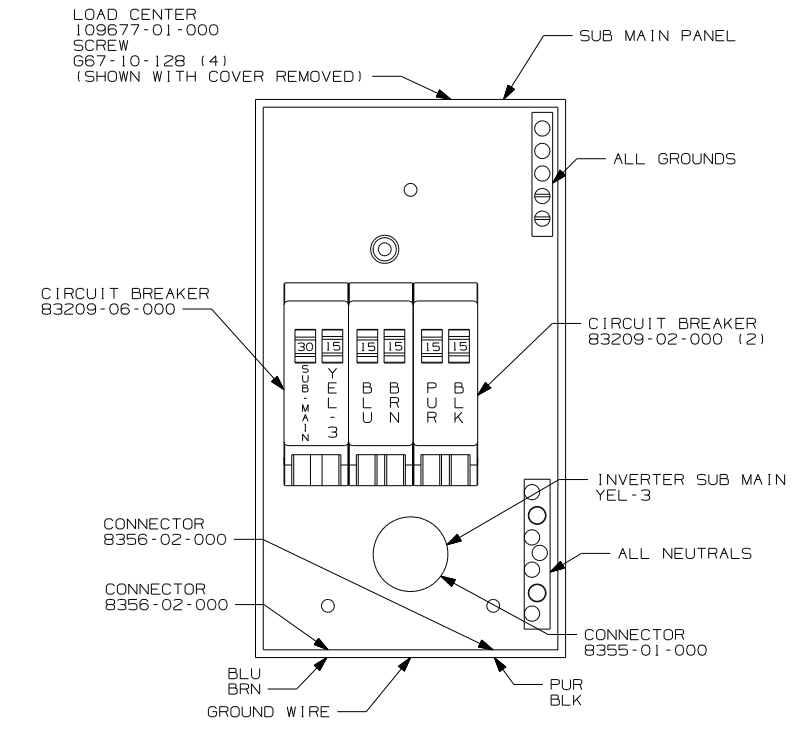
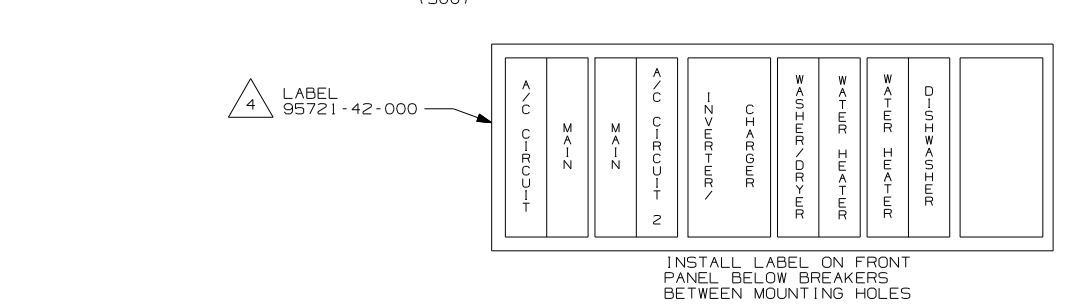
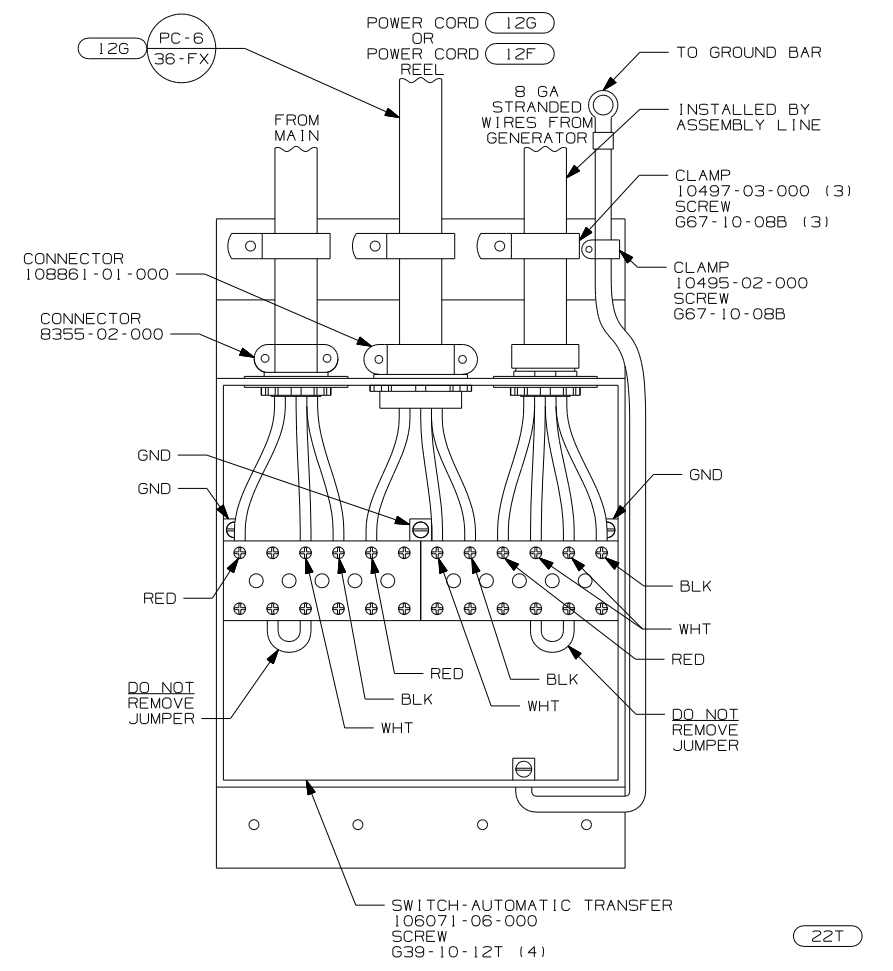
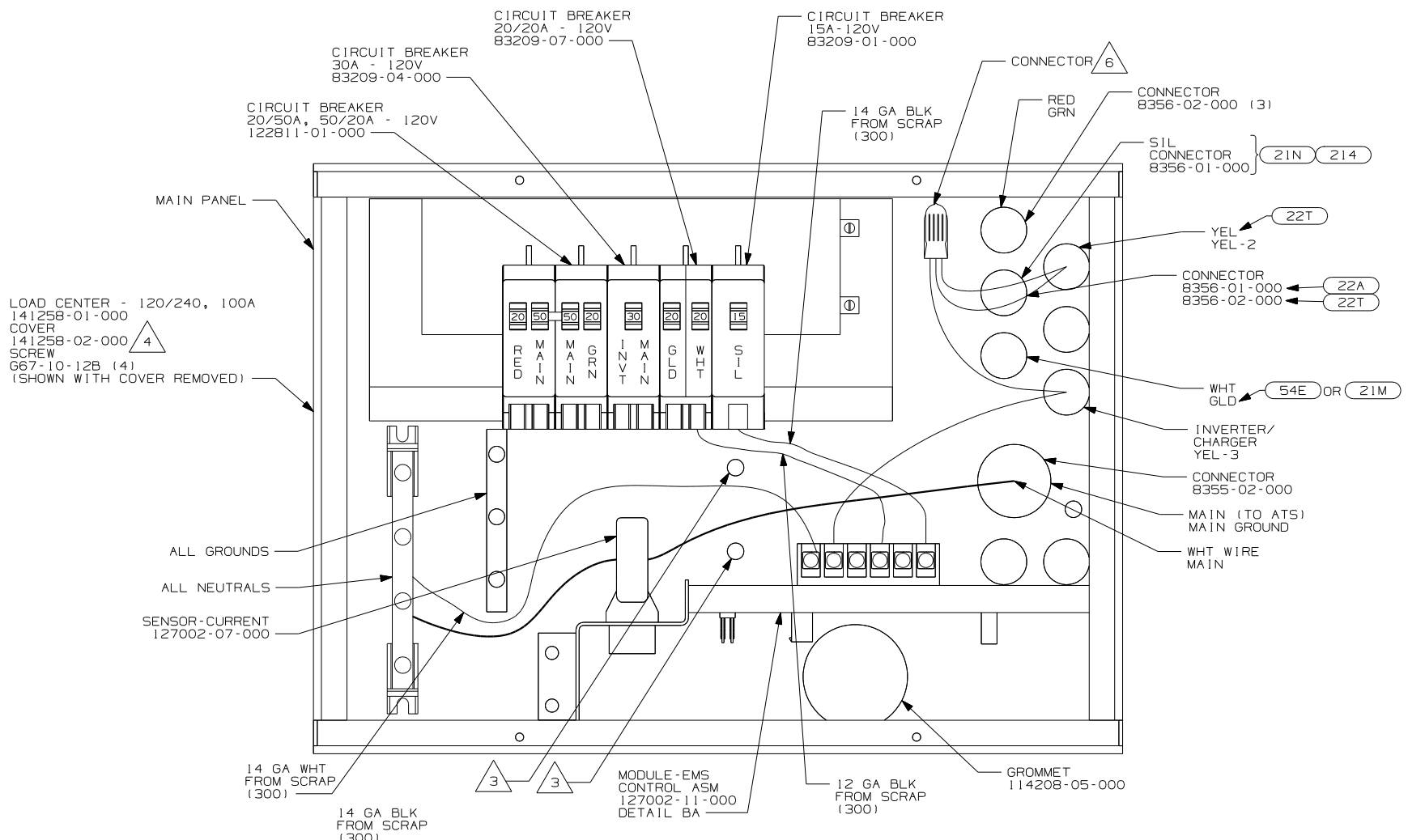
 SEE DETAIL BA FOR CONNECTOR INSTALLATION.

NOTES:

	8	7	6	5	4	3	2	1
	S36GD	S36RD	S40AD	S40KD	S40FD			
SLIDEOUT #1 WIRE #1	136151-03-030 ²	136151-03-040 ²	136151-03-033 ²	136151-03-030 ²	136151-03-042 ²			
SLIDEOUT #1 WIRE #2	-----	136151-06-040 ²	136151-06-033 ²	-----	136151-06-042 ²			
SLIDEOUT #1 WIRE #3	-----	136151-11-035 ²	136151-11-026 ²	-----	136151-11-026 ²			
SLIDEOUT #2 WIRE #1	-----	136151-04-015 ²	136151-04-020 ²	136151-04-020 ²	136151-04-020 ²			
SLIDEOUT #3 WIRE #1	-----	136151-02-038 ⁴	136151-02-015 ²	136151-02-021 ²	136151-02-060 ²			
SLIDEOUT #3 WIRE #2	-----	136151-13-038 ⁴	136151-05-015 ²	136151-06-021 ²	136151-13-070 ²			
SLIDEOUT #3 WIRE #3	-----	136151-02-045 ⁴	-----	136151-11-021 ²	136151-02-018 ²			
SLIDEOUT #4 WIRE #1	-----	136151-04-010 ²	-----	-----	136151-04-020 ²			
THROW IN WIRE #1	14-UL 136131-03-090 ¹	136131-03-030 ¹	136131-03-032 ¹	136131-02-060 ¹	136131-04-070			
	14-CA 136134-03-090 ¹	136134-03-030 ¹	136134-03-032 ¹	136134-02-060 ¹	136134-04-070			
THROW IN WIRE #2	14-UL 136131-04-150	136131-04-180 ¹	136131-02-010 ^{ID3}	136131-02-065 ¹	136131-04-050 ¹			
	14-CA 136134-04-150	136134-04-180 ¹	136134-02-010 ^{ID3}	136134-02-065 ¹	136134-04-050 ¹			
THROW IN WIRE #3	14-UL -----	136131-11-008 ¹	136131-11-006 ¹	136131-11-020 ¹	136131-11-006 ¹			
	14-CA -----	136134-11-008 ¹	136134-11-006 ¹	136134-11-020 ¹	136134-11-006 ¹			
THROW IN WIRE #4	14-UL -----	136131-13-018 ¹	136131-02-030 ¹	136131-04-075 ¹	136131-02-025 ^{ID3}			
	14-CA -----	136134-13-018 ¹	136134-02-030 ¹	136134-04-075 ¹	136134-02-025 ^{ID3}			
THROW IN WIRE #5	14-UL -----	136131-04-028 ¹	136131-05-017 ¹	136131-06-010 ¹	136131-04-080 ¹			
	14-CA -----	136134-04-028 ¹	136134-05-017 ¹	136134-06-010 ¹	136134-04-080 ¹			
THROW IN WIRE #6	14-UL -----	136131-02-008 ¹	136131-04-075 ¹	136131-03-075 ¹	136131-02-035 ¹			
	14-CA -----	136134-02-008 ¹	136134-04-075 ¹	136134-03-075 ¹	136134-02-035 ¹			
THROW IN WIRE #7	14-UL -----	136131-02-030 ¹	136131-04-056 ¹	136131-04-066 ¹	136131-03-032 ¹			
	14-CA -----	136134-02-030 ¹	136134-04-056 ¹	136134-04-066 ¹	136134-03-032 ¹			
THROW IN WIRE #8	14-UL -----	-----	136131-02-045 ¹	136131-02-010 ^{ID3}	136131-04-030 ¹			
	14-CA -----	-----	136134-02-045 ¹	136134-02-010 ^{ID3}	136134-04-030 ¹			
THROW IN WIRE #9	14-UL -----	-----	136131-02-020	-----	136131-02-025 ^{ID3 ID5}			
	14-CA -----	-----	136134-02-020	-----	136134-02-025 ^{ID3 ID5}			
THROW IN WIRE #10	14-UL -----	-----	136131-02-050	136131-02-050	-----			
	14-CA -----	-----	136134-02-050	136134-02-050	-----			

- NOTES:
- ⁷ WIRE WITH 36RD ONLY.
 - ⁶ CONNECTOR WITH 36RD ONLY.
 - ⁵ SEE DETIAL BE FOR CONNECTOR INSTALLATION.
 - ⁴ SEE DETIAL 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.





- 6 DO NOT CONNECT WHT WIRE FROM YEL, YEL-2, YEL-3 CIRCUITS TO NEUTRAL BAR. CONNECT TO EACH OTHER WITH CONNECTOR 8313-01-000 AS SHOWN.
 5. MANUAL-INSTALLATION & SERVICE 127002-09-000 TO BE SUPPLIED WITH PANEL.
 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.
- LABEL 95721-43-000
 MAIN
 VACUUM
 DISHWASHER
 DISHWASHER
 MICRO WAVE
 INSTALL LABEL BELOW PANEL ON CABINET DOOR

- 22T
 21N 214
 22A VACUUM SYS-CENTRAL-WITHOUT
 215 DISHWASHER WITHOUT
 21M WASH/DRYER PREP
 214 DISHWASHER DRAWER STYLE
 54E WASH/DRYER
 22T VACUUM SYSTEM - CENTRAL
 21T WASH/DRYER - WITHOUT
 21N DISHWASHER/BUILT-IN
 12G POWER CORD REEL -WITHOUT
 12F POWER CORD REEL
 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

FIRST USED	
05 S-SERIES	
DO NOT SCALE DRAWING	
TITLE: LOAD CENTER/ATS ASM	
SHEET 3	PART NO 149351