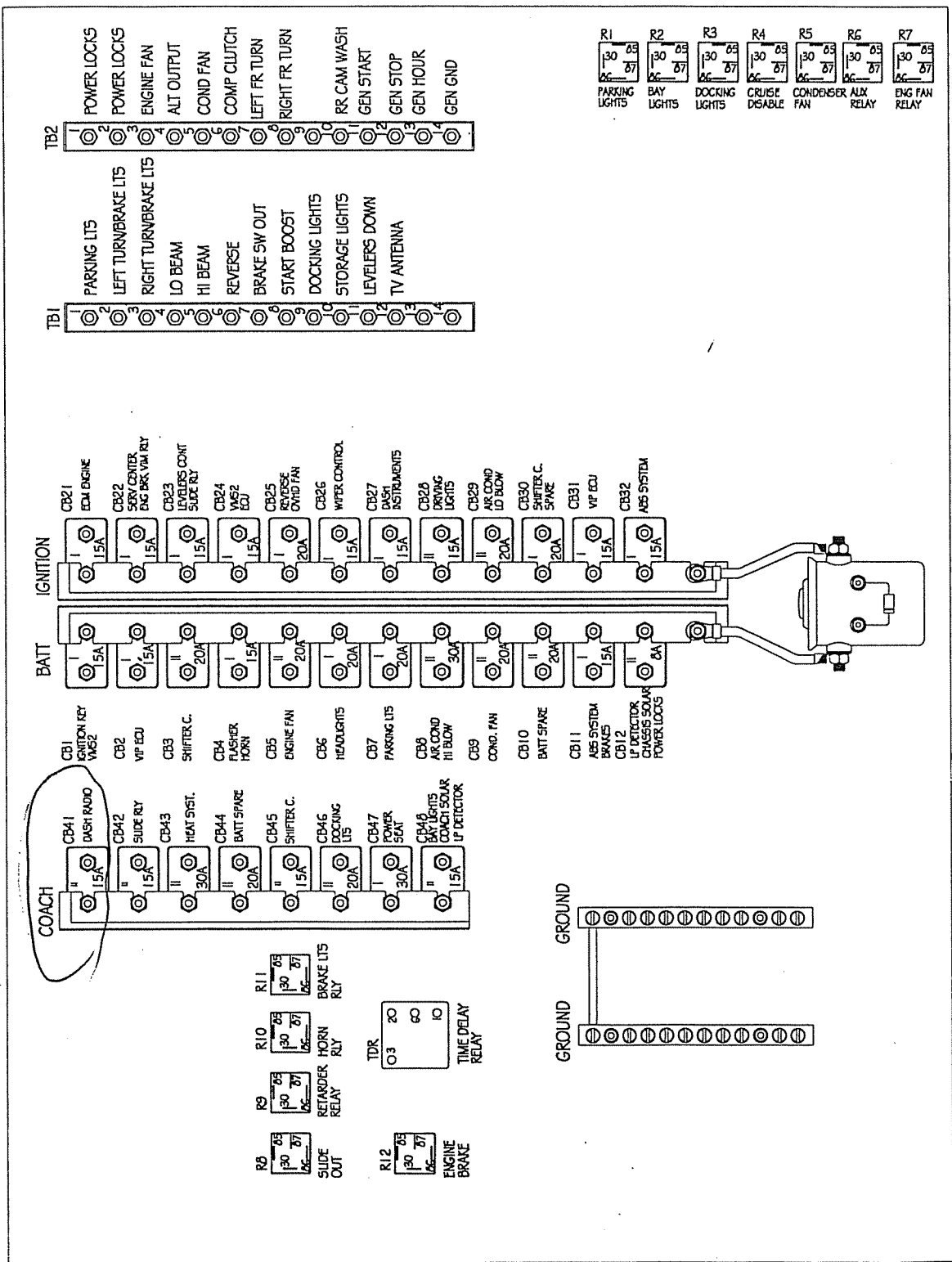
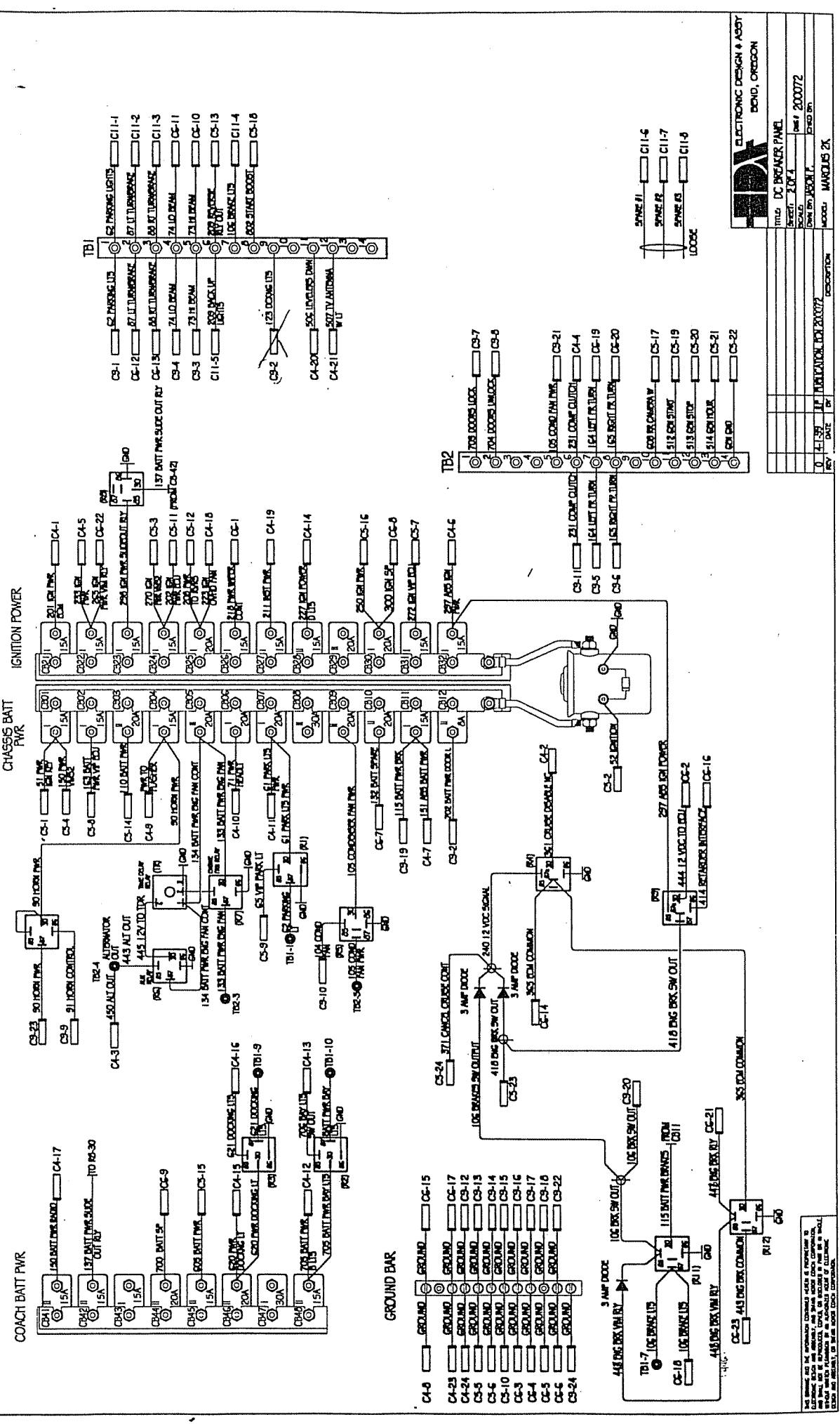


EDA ELECTRONIC DESIGN & ASST
 BEND, OREGON

TITLE: DC BREAKER PANEL
 SCALE: 1:1
 SHEET NO: 200072
 DATE: 04/98
 DRAWN BY: M. MARCUS
 CHECKED BY: M. MARCUS
 PROJECT NO: 200072



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Title	DC BREAKER PANEL
Sheet	2 OF 4
Date	June 200072
Drawn By	W. B. BENTLEY
Checked By	W. B. BENTLEY
Rev	0
Date	
By	
Description	REVISION FOR 200072

CS-1 15A CS-2 15A CS-3 15A CS-4 15A CS-5 20A CS-6 15A CS-7 20A CS-8 15A CS-9 15A CS-10 20A CS-11 15A CS-12 20A CS-13 15A CS-14 15A CS-15 15A CS-16 15A CS-17 15A CS-18 15A CS-19 15A CS-20 15A CS-21 15A CS-22 15A

TB1 CS-1 PARKING LIGHTS CS-2 TURN SIGNAL CS-3 TURN SIGNAL CS-4 HORN CS-5 HORN CS-6 HORN CS-7 HORN CS-8 HORN CS-9 HORN CS-10 HORN CS-11 HORN CS-12 HORN CS-13 HORN CS-14 HORN CS-15 HORN CS-16 HORN CS-17 HORN CS-18 HORN CS-19 HORN CS-20 HORN CS-21 HORN CS-22 HORN

TB2 CS-1 DOOR LOCK CS-2 DOOR LOCK CS-3 DOOR LOCK CS-4 DOOR LOCK CS-5 DOOR LOCK CS-6 DOOR LOCK CS-7 DOOR LOCK CS-8 DOOR LOCK CS-9 DOOR LOCK CS-10 DOOR LOCK CS-11 DOOR LOCK CS-12 DOOR LOCK CS-13 DOOR LOCK CS-14 DOOR LOCK CS-15 DOOR LOCK CS-16 DOOR LOCK CS-17 DOOR LOCK CS-18 DOOR LOCK CS-19 DOOR LOCK CS-20 DOOR LOCK CS-21 DOOR LOCK CS-22 DOOR LOCK

TB3 CS-1 12V BATT. SW. OUT CS-2 12V BATT. SW. OUT CS-3 12V BATT. SW. OUT CS-4 12V BATT. SW. OUT CS-5 12V BATT. SW. OUT CS-6 12V BATT. SW. OUT CS-7 12V BATT. SW. OUT CS-8 12V BATT. SW. OUT CS-9 12V BATT. SW. OUT CS-10 12V BATT. SW. OUT CS-11 12V BATT. SW. OUT CS-12 12V BATT. SW. OUT CS-13 12V BATT. SW. OUT CS-14 12V BATT. SW. OUT CS-15 12V BATT. SW. OUT CS-16 12V BATT. SW. OUT CS-17 12V BATT. SW. OUT CS-18 12V BATT. SW. OUT CS-19 12V BATT. SW. OUT CS-20 12V BATT. SW. OUT CS-21 12V BATT. SW. OUT CS-22 12V BATT. SW. OUT

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C11

LOC No	FUNCTION	COLOR	AWG	FROM
1	52 PARKING LIGHTS	WHT	4	TB1-1
2	87 LEFT TURN	WHT	4	TB1-2
3	88 RIGHT TURN	WHT	4	TB1-3
4	106 BRAKE LIGHTS	WHT	4	TB1-7
5	209 BACKUP LIGHTS	WHT	4	TB1-6
6	SPARE #1	WHT	4	LOOSE
7	SPARE #2	WHT	4	LOOSE
8	SPARE #3	WHT	4	LOOSE

ADD ON

LOC	FUNCTION	COLOR	AWG	FROM
R1-30	61 PARK LIT PWR	WHT	14	CB07
R1-87	62 PARKING LIT	WHT	14	TB1-1
R1-88	GND	WHT	14	GND
R2-30	705 BATT PWR BAY LIT	WHT	14	CB48
R2-87	705 BAY LIT	WHT	14	TB1-10
R2-88	GROUND	WHT	14	GROUND
R3-30	620 BATT PWR DOCKING	WHT	14	CB46
R3-87	621 DOCKING LIT	WHT	14	TB1-9
R3-88	GROUND	WHT	14	GROUND
R4-85	240 12 VDC SIGNAL	WHT	14	DIODES
R4-86	GROUND	WHT	14	GND
R4-87	365 ECM COMMON	WHT	14	R12-30
R5-30	105 BATT PWR COND FAN	WHT	14	CB09
R5-87	105 COND FAN PWR	WHT	14	TB2-5
R5-88	GROUND	WHT	14	GROUND
R6-30	445 12 VDC TO TDR	WHT	14	TDR-6
R6-85	443 ALT OUT	WHT	14	TB2-4
R6-87	134 BATT PWR ENG FAN	WHT	14	TDR-1
R6-88	GROUND	WHT	14	GROUND
TDR-1	134 BATT PWR ENG FAN	WHT	14	CB05
TDR-3	GROUND	WHT	14	GROUND
R7-30	133 BATT PWR ENG FAN	WHT	14	CB05
R7-85	445 TOR CONT	WHT	14	TDR-2
R7-87	133 BATT PWR ENG FAN	WHT	14	TB2-3
R7-88	GROUND	WHT	14	GROUND
R8-30	445 12 VDC TO TDR	WHT	14	TDR-6
R8-85	443 ALT OUT	WHT	14	TB2-4
R8-87	134 BATT PWR ENG FAN	WHT	14	TDR-1
R8-88	GROUND	WHT	14	GROUND
R9-30	137 BATT PWR ENG FAN	WHT	14	CB23
R9-85	295 IGN PWR SLIDE OUT	WHT	14	CB42
R9-86	GROUND	WHT	14	GROUND
R10-30	501 HORN POWER	WHT	16	CB04
R9-85	297 IGN PWR ABS	WHT	14	CB32
R9-87	106 ENG BRAKE SW OUT	WHT	14	DIODE
R11-30	106 BRAKES SW OUT	WHT	14	DIODE
R11-30	115 PWR BRAKES	WHT	14	CB-11
R11-88	GROUND	WHT	14	GROUND
R11-87	106 BRAKE LIT	WHT	14	TB1-7
R12-85	447 ENG BRK VIM RLY	WHT	14	DIODE
R12-88	GROUND	WHT	14	GROUND
SOL	GROUND	WHT	14	GROUND

C12

LOC No	FUNCTION	COLOR	AWG	FROM
1	216 IGN PWR WIPER CONT	WHT	14	CB26
2	444 12 VDC TO ECU	WHT	14	R3-30
3	GROUND	WHT	14	GND
4	GROUND MIRRORS	WHT	14	GND
5	GROUND	WHT	14	GND
6	GROUND	WHT	14	GND
7	132 BATT PWR SPARE	WHT	14	CB10
8	300 IGN PWR SPARE	WHT	14	CB30
9	700 BATT PWR SPARE	WHT	14	CB44
10	73 HI BEAM	WHT	14	TB1-5
11	74 LO BEAM	WHT	14	TB1-4
12	87 LEFT TURNBRAKE LIT	WHT	14	TB1-2
13	88 RIGHT TURNBRAKE LIT	WHT	14	TB1-3
14	365 ECM COMMON	WHT	14	R4-87a
15	GROUND SPARE	WHT	14	GND
16	414 RETARDER INTERFACE	WHT	14	R3-86
17	GROUND	WHT	14	GND
18	106 BRAKES SW OUT	WHT	14	TB2-6
19	64 LEFT FR TURN	WHT	14	TB2-8
20	165 RIGHT FR TURN	WHT	14	TB2-9
21	447 ENG BRK VIM RELAY	WHT	14	R12-85
22	265 IGN PWR VIM RELAY	WHT	14	CB22
23	443 ENG BRK COMMON	WHT	14	R12-87
24				

C13

LOC No	FUNCTION	COLOR	AWG	FROM
1	62 PARKING LIGHTS	WHT	4	TB1-1
2	702 BATT PWR DOOR LOCKS	WHT	4	CB12
3	73 HI BEAM	WHT	4	TB1-5
4	74 LO BEAM	WHT	4	TB1-4
5	64 LEFT FR TURN	WHT	4	TB2-7
6	65 RIGHT FR TURN	WHT	4	TB2-8
7	703 DOOR LOCKS LOCK	WHT	4	TB2-1
8	704 DOOR LOCKS UNLOCK	WHT	4	TB2-2
9	HORN CONTROL	WHT	4	R10-86
10	104 COMPENSER FAN	WHT	4	R5-85
11	231 COMP GLITCH	WHT	4	TB2-6
12	GROUND	WHT	4	GND
13	GROUND	WHT	4	GND
14	GROUND	WHT	4	GND
15	GROUND	WHT	4	GND
16	GROUND	WHT	4	GND
17	GROUND	WHT	4	GND
18	115 PWR TO BRAKE SW	WHT	4	CB11
19	106 BRAKE SW OUT	WHT	4	R11-85
20	105 COMPENSER FAN PWR	WHT	4	TB2-5
21	GROUND	WHT	4	GND
22	501 HORN POWER	WHT	4	R10-87
23	GROUND	WHT	4	GND
24	GROUND	WHT	4	GND

C4

LOC No	FUNCTION	COLOR	AWG	FROM
1	201 IGN POWER TO ECM	WHT	14	CB21
2	361 CRUISE DISABLE NC	WHT	14	R4-30
3	450 ALTERNATOR OUT	WHT	14	TB2-4
4	231 COMPENSER CLUTCH	WHT	14	TB2-5
5	233 IGNITION POWER	WHT	14	CB22
6	297 ABS IGNITION POWER	WHT	14	CB32
7	151 ABS BATT POWER	WHT	14	CB11
8	ABS GROUND	WHT	14	GND
9	85 BATT POWER FLASHER	WHT	14	CB04
10	71 BATT PWR HEADLIGHTS	WHT	14	CB06
11	61 BATT PWR PARKING LIT	WHT	14	CB07
12	705 BATT PWR BAY LIGHTS	WHT	14	CB48
13	706 BAY LIGHTS SW OUT	WHT	14	R2-85
14	227 IGN PWR DRIVING LIT	WHT	14	CB28
15	620 BATT PWR DOCKING LIT	WHT	14	CB46
16	621 DOCKING LIT SW OUT	WHT	14	R3-85
17	150 BATT POWER RADIO	WHT	14	CB41
18	223 IGN PWR TO OVHD FAN	WHT	14	CB25
19	211 INSTRUMENTS PWR	WHT	14	CB27
20	506 LEVELERS DOWN W LT	WHT	14	TB1-11
21	507 TV ANTENNA W LT	WHT	14	TB1-12
22	GROUND	WHT	14	GND
23	GROUND SOUND	WHT	14	GND
24				

C5

LOC No	FUNCTION	COLOR	AWG	FROM
1	51 BATT PWR IGN KEY	WHT	14	CB01
2	52 IGNITION	WHT	14	SOL
3	270 IGN PWR MAG ID	WHT	14	CB24
4	150 BATT PWR MAG ID	WHT	14	CB01
5	GROUND VAS2	WHT	14	GND
6	VIP GROUND	WHT	14	GND
7	272 IGN PWR VIP ECU	WHT	14	CB31
8	163 BATT PWR VIP ECU	WHT	14	CB02
9	65 VIP ECU PARKING LIT OUT	WHT	14	R1-85
10	GROUND WIPER CONTROL	WHT	14	GND
11	202 IGN PWR XSMIN ECU	WHT	14	CB24
12	208 IGN PWR REVERSE RLY	WHT	14	CB25
13	209 REVERSE RELAY OUT	WHT	14	TB1-6
14	110 BATT POWER	WHT	14	CB03
15	605 BATT POWER	WHT	14	CB45
16	250 IGN POWER	WHT	14	CB30
17	608 RR CAM WASHES OUT	WHT	14	TB2-10
18	802 START BOOST SW OUT	WHT	14	TB1-8
19	512 GEN START	WHT	14	TB2-11
20	513 GEN STOP	WHT	14	TB2-12
21	514 GEN HOUR	WHT	14	TB2-13
22	GEN GROUND	WHT	14	TB2-14
23	418 ENG BRAKE SW OUT	WHT	14	R3-87a
24	371 CANCEL CRUISE CONTROL	WHT	14	R4-85

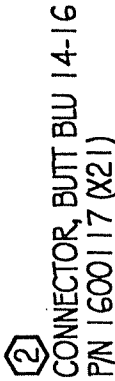
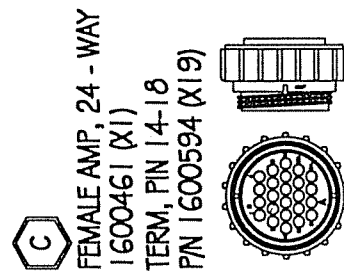
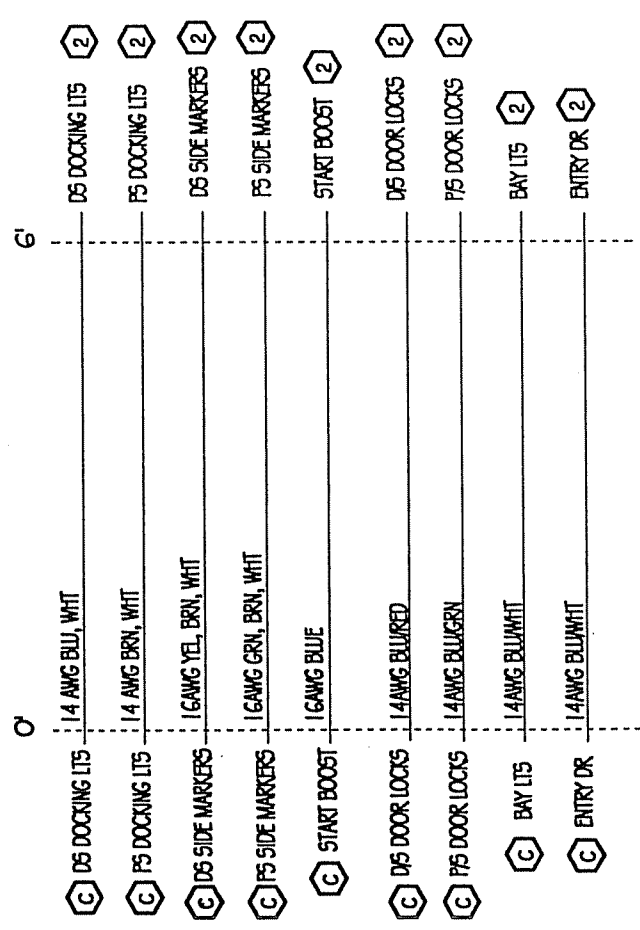
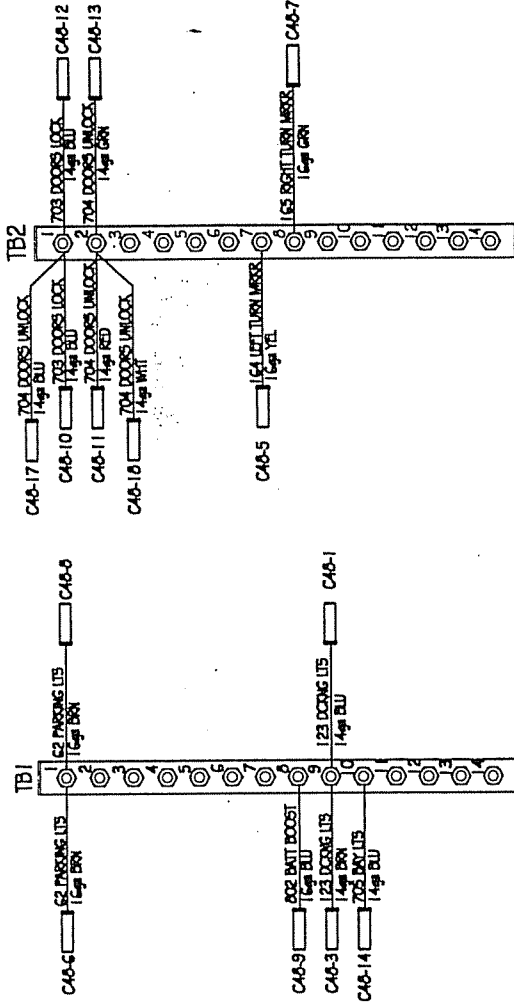
EDA ELECTRONIC DESIGN & ASST
BEND, OREGON

Rev: DC BREAKER PANEL
Sheet: 10 of 1
Date: JUNE 2007
Des: JRM
Drawn: MARCUS 2K

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C48 SUBFLOOR DC HARNESS

LOC No.	CIRCUIT NUMBER	ORAWG	FROM LOC	FUNCTION
1	123	BLU	TB1	DOCKING LIGHTS
2	GND	WHT	4	GROUND
3	123	BRN	TB1	DOCKING LIGHTS
4	GND	WHT	4	GROUND
5	164	YEL	TB2	LEFT TURN (SIDE MARKER)
6	62	BRN	TB1	PARK LIGHTS (SIDE MARKER)
7	165	GRN	TB2	RIGHT TURN (SIDE MARKER)
8	62	BRN	TB1	PARK LIGHTS (SIDE MARKER)
9	802	BLU	TB1	BATTERY BOOST
10	703	BLU	TB2	"LOCK" (DOOR LOCK)
11	704	RED	TB2	"UNLOCK" (DOOR LOCK)
12	703	BLU	TB2	"LOCK" (DOOR LOCK)
13	704	GRN	TB2	"UNLOCK" (DOOR LOCK)
14	705	BLU	TB1	STORAGE LIGHTS
15	GND	WHT	4	GROUND
16				
17	703	BLU	TB2	"LOCK" (DOOR LOCK)
18	704	WHT	TB2	"UNLOCK" (DOOR LOCK)
19	GND	WHT	4	GROUND
20	GND	WHT	4	GROUND (SIDE MARKER)
21				
22				
23				
24				



TOLERANCES:
DROP-OUTS: ±2"
DROP LENGTHS: ±2", -0"

EDA ELECTRONIC DESIGN & ASSY
BEND, OREGON

TITLE: DC BREAKER PANEL

SHEET: 1 OF 1
SCALE: DWG # 200072
DESIGN: D. SHIFF
MODEL: MARQUIS 2K

REV: 0 DATE: 3-18-99 BY: DCS
DESCRIPTION: ADD C48 PER ECR 200088

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