

LC1 LH CLUSTER CONN'S LC2

CAV	F/I CTR NO.	CAV	F/I CTR NO.	CAV	F/I CTR NO.	CAV	F/I CTR NO.
A1	29A	B5	437D	C9	173	D9	-
A2	442B	B6	437C	C10	98K	D10	GND1
A3	*	B7	437F	C11	*	D11	437G
A4	*	B8	437B	C12	*	D12	-
A5	*	B9	437E	C13	*	D13	GND1
A6	*	B10	1587C	C14	*	D14	437
A7	*	B11	-	C15	*	D15	437A
A8	*	B12	437Z	C16	*	D16	359
A9	320A	C1	*	D1	*	-	-
A10	*	C2	*	D2	*	-	-
A11	*	C3	*	D3	GND2	-	-
A12	*	C4	437W	D4	-	-	-
B1	*	C5	125	D5	-	-	-
B2	*	C6	*	D6	-	-	-
B3	1587-C	C7	299	D7	299A	-	-
B4	-	C8	38L	D8	-	-	-

RC1 RH CLUST

CAV	F/I CTR NO.	CAV	F/I CTR NO.
A1	*	B5	47
A2	*	B6	47G
A3	376L	B7	GND2
A4	1587-C	B8	-
A5	1587-C	B9	-
A6	29A	B10	-
A7	437Z	B11	-
A8	*	B12	-
A9	*	C1	*
A10	*	C2	*
A11	437	C3	*
A12	*	C4	43G
B1	38R	C5	42G
B2	20H	C6	-
B3	18	C7	-
B4	376S	C8	-

ER CONN'S RC2

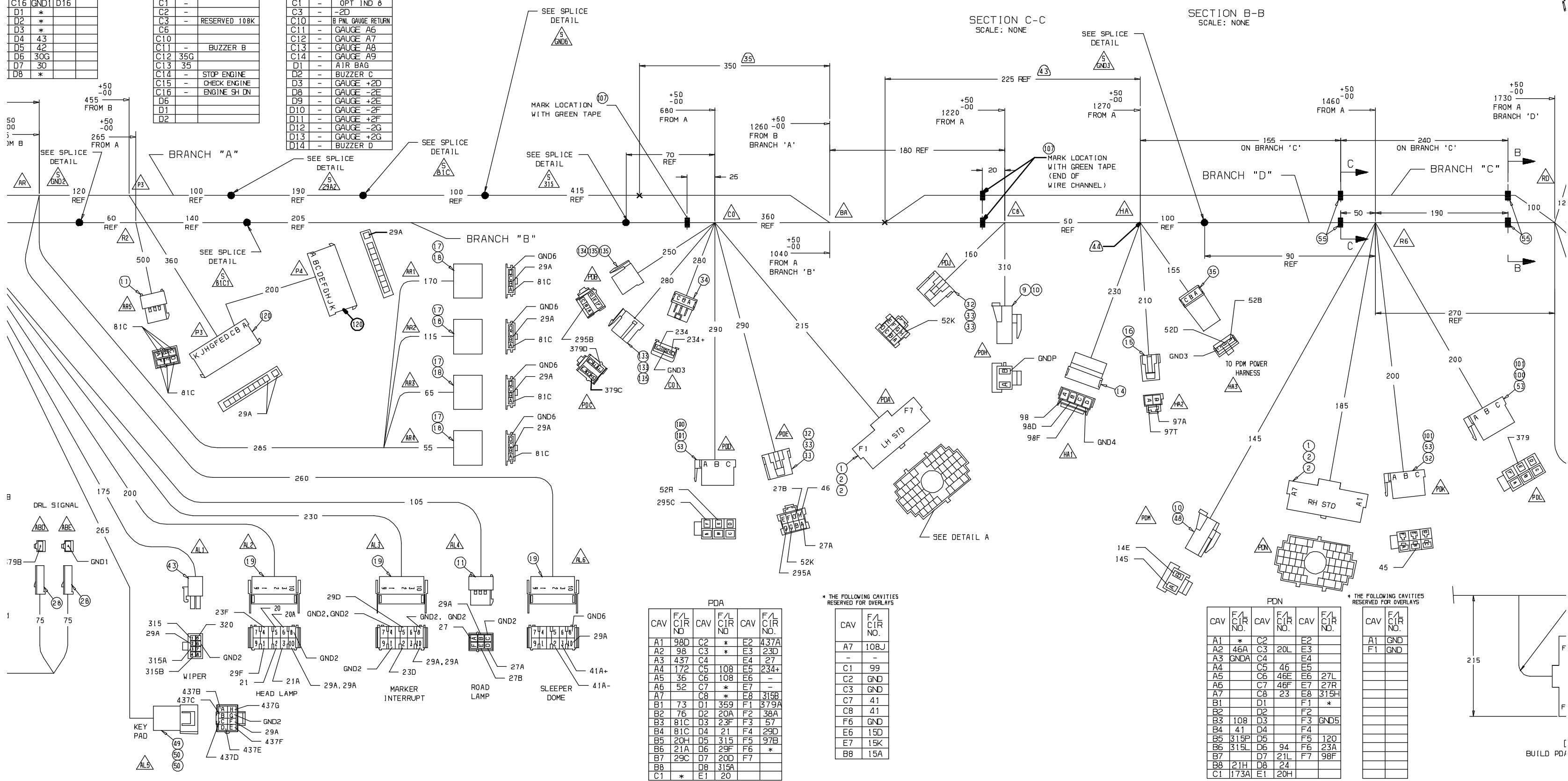
CAV	F/L CIR NO.	CAV	F/L CIR NO.
C9		D9	*
C10	*	D10	*
C11	*	D11	*
C12	*	D12	*
C13	*	D13	*
C14	*	D14	*
C15	437A	D15	
C16	GND1	D16	
D1	*		
D2	*		
D3	*		
D4	43		
D5	42		
D6	30G		
D7	30		
D8	*		

LH CLUSTER
* THE FOLLOWING CAVITIES
RESERVED FOR OVERLAYS

CAV	F/L CIR NO.	CURCUIT DESCRIPTION
A4	-	OPT IND 5
A5	-	OPT IND 4
A6	-	OPT IND 3
A7	-	OPT IND 2
A8	-	OPT IND 1
A11	-	
B2	-	
C1	-	
C2	-	
C3	-	RESERVED 108K
C6	-	
C10	-	
C11	-	BUZZER B
C12	35G	
C13	35	
C14	-	STOP ENGINE
C15	-	CHECK ENGINE
C16	-	ENGINE SH DN
D6	-	
D1	-	
D2	-	

RH CLUSTER
* THE FOLLOWING CAVITIES
RESERVED FOR OVERLAYS

CAV	F/L CIR NO.	CURCUIT DESCRIPTION
A1	-	OPT IND 7
A2	-	OPT IND 6
A8	15D	
A9	-	RELAY B
A10	-	RELAY C
A12	-	B PNL IGNITION
B12	-	B PNL IGNITION
C1	-	OPT IND 8
C2	-	-2D
C10	-	B PNL GAUGE RETURN
C11	-	GAUGE A6
C12	-	GAUGE A7
C13	-	GAUGE A8
C14	-	GAUGE A9
D1	-	AIR BAG
D2	-	BUZZER C
D3	-	GAUGE +2D
D8	-	GAUGE -2E
D9	-	GAUGE +2E
D10	-	GAUGE -2F
D11	-	GAUGE +2F
D12	-	GAUGE -2G
D13	-	GAUGE +2G
D14	-	BUZZER D



PDA

CAV	F/L CIR NO.	CAV	F/L CIR NO.	CAV	F/L CIR NO.
A1	98D	C2	*	E2	437A
A2	98	C3	*	E3	23D
A3	437	C4	*	E4	27
A4	172	C5	108	E5	234+
A5	36	C6	108	E6	-
A6	52	C7	*	E7	-
A7	-	C8	*	E8	315B
B1	73	D1	359	F1	379A
B2	76	D2	20A	F2	38A
B3	81C	D3	23F	F3	57
B4	81C	D4	21	F4	29D
B5	20H	D5	315	F5	97B
B6	21A	D6	29F	F6	*
B7	29C	D7	20D	F7	
B8	-	D8	315A		
C1	*	E1	20		

* THE FOLLOWING CAVITIES
RESERVED FOR OVERLAYS

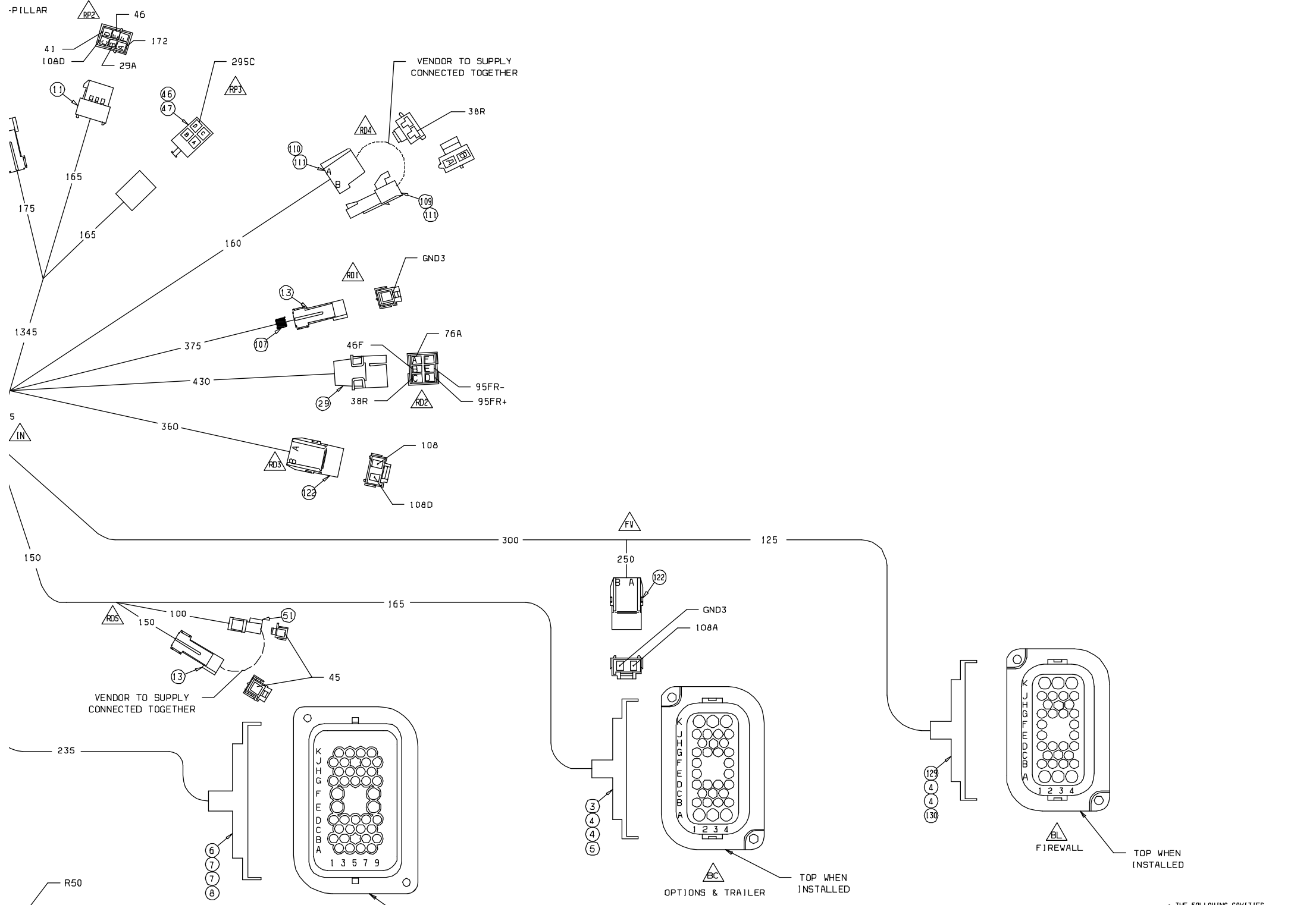
CAV	F/L CIR NO.
A7	108J
-	-
C1	99
C2	GND
C3	GND
C7	41
C8	41
F6	GND
E6	15D
E7	15K
B8	15A

PDN

CAV	F/L CIR NO.	CAV	F/L CIR NO.	CAV	F/L CIR NO.
A1	*	C2		E2	
A2	46A	C3	20L	E3	
A3	GND4	C4		E4	
A4		C5	46	E5	
A5		C6	46E	E6	27L
A6		C7	46F	E7	27R
A7		C8	23	E8	315H
B1		D1		F1	*
B2		D2		F2	
B3	108	D3		F3	GND5
B4	41	D4		F4	
B5	315P	D5		F5	120
B6	315L	D6	94	F6	23A
B7		D7	21L	F7	98F
B8	21H	D8	24		
C1	173A	E1	20H		

* THE FOLLOWING CAVITIES
RESERVED FOR OVERLAYS

CAV	F/L CIR NO.
A1	GND
F1	GND



RELEASE NUMBER	REV	DATE	DESCRIPTION	BY	DATE	APP
PR3307-03	-		INITIAL RELEASE	SCT	01/16/97	CAC
PR3307-05	A		SEE SHF 2	ETB	01/28/97	CAC
A1	E18		ADDED SECONDARY LOCK (ITEM 23) AT LOC. POS. P01, & LPS			
A2			SEE SHF 2			
A3			SEE SHF 2			
A4			SEE SHF 2			
A5			SEE SHF 2			
A6			SEE SHF 2			
A7			SEE SHF 2			
A8			SEE SHF 2			
PR2214-14	B		REMOVE A DOUBLE GNDL AT LOC ABC	ETH	06/23/97	CAC
B1	D18		REMOVED CLRD AT LOC. POS. POS. 2ND			
B2	H24		MOVED CAV # AT LOC. POS. POS. 2ND			
B3			SEE SHF 2			
B4			SEE SHF 2			
PR2214-30	C		SEE SHF 2	KLJ	11/14/97	KCH

CHASSIS

CAV	F/L CIR NO.	CAV	F/L CIR NO.	CAV	F/L CIR NO.
A2	20H	D3	39R	H2	43G
A4	21H	D5	*	H4	43
A6	20L	D7	299	H6	42G
A8	21L	D9	299A	H8	42
B1	23	E1		J1	*
B3	-	E9		J3	*
B7	-	F1		J7	*
B9	47	F9			
C2	27L	G1	94	J9	*
C4	27R	G3	120B	K2	*
C6	38L	G5	379L	K4	*
C8	38R	G7	379R	K6	*
D1	39L	G9	47G	K8	*

THE FOLLOWING CAVITIES RESERVED FOR OVERLAYS

CAV	F/L CIR NO.
D5	73A
J1	87A
J3	196
J7	399C
J9	399A
K2	87B

OPTIONS & TRAILER

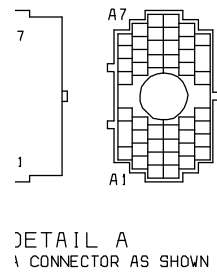
CAV	F/L CIR NO.	CAV	F/L CIR NO.	CAV	F/L CIR NO.
A1		D2		G4	
A2	45	D3		H1	
A3	46A	D4		H4	
B1		E1		J1	
B2		E4		J2	
B3		F1		J3	
B4	38L	F4		J4	
C1		G1		K1	23A
C4		G2		K2	36B
D1		G3		K3	38R

FIREWALL

CAV	F/L CIR NO.	CAV	F/L CIR NO.	CAV	F/L CIR NO.
A1	24	D2	315L	G4	173A
A2		D3	315H	H1	97T
A3		D4	315P	H4	97B
B1	GND4	E1	15A	J1	*
B2	GND5	E4	320	J2	30
B3	1587-F	F1	320A	J3	30G
B4	1587-F	F4	173	J4	24A
C1	120	G1	*	K1	*
C4	120B	G2	234	K2	*
D1	315C	G3	*	K3	*

THE FOLLOWING CAVITIES RESERVED FOR OVERLAYS

CAV	F/L CIR NO.
G1	218A+
G3	137
J1	218A-
K1	218
K2	GND
K3	52E



FREIGHTLINER LLC

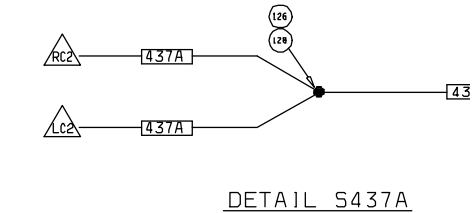
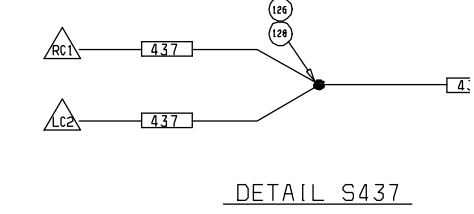
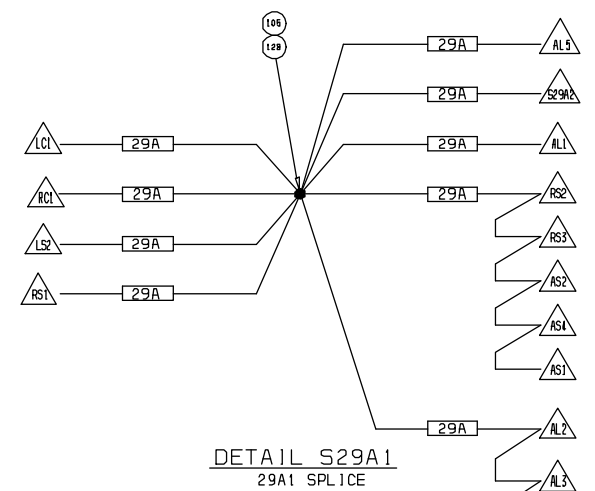
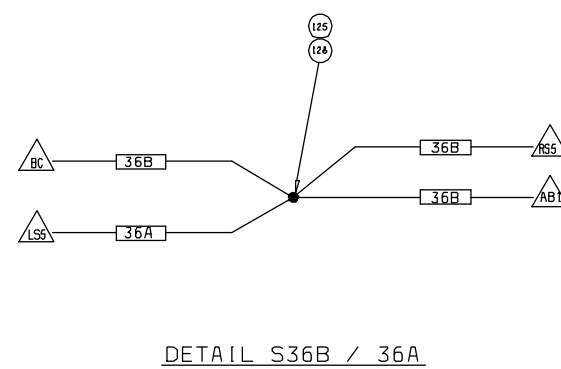
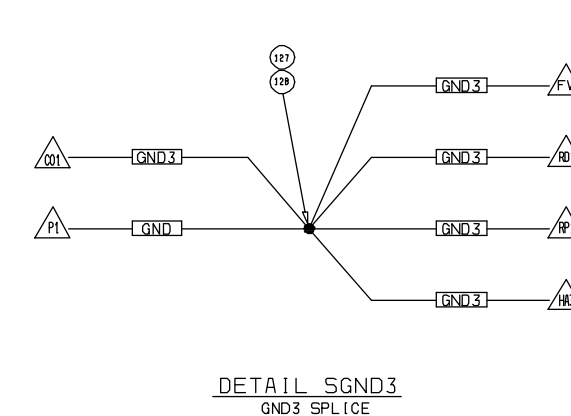
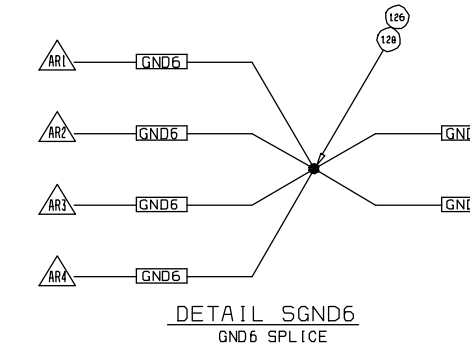
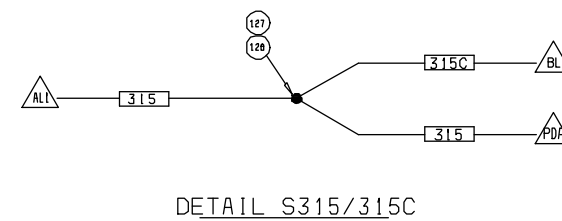
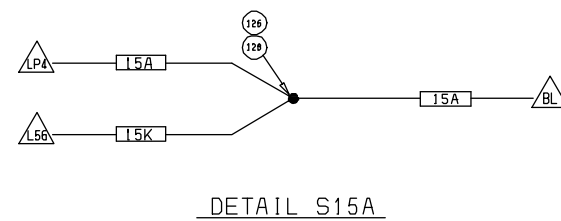
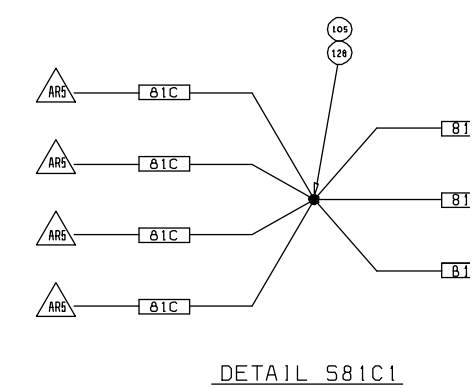
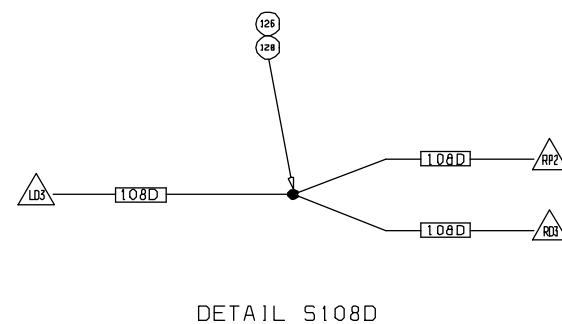
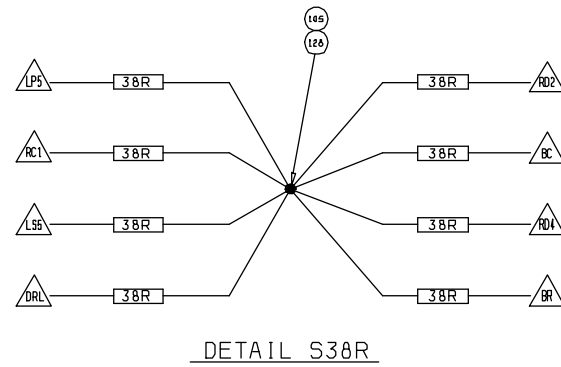
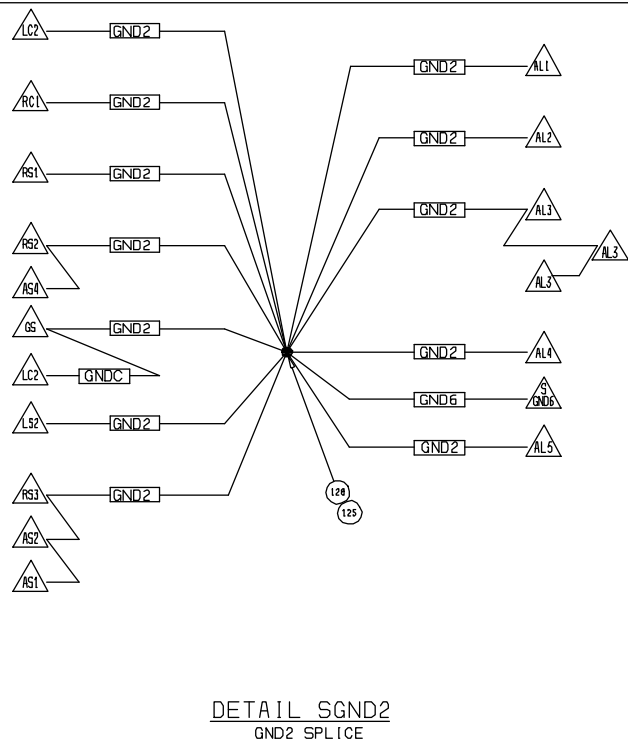
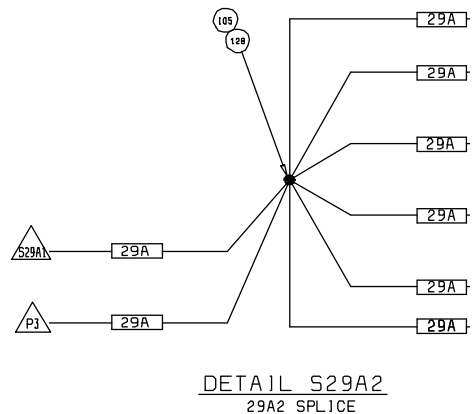
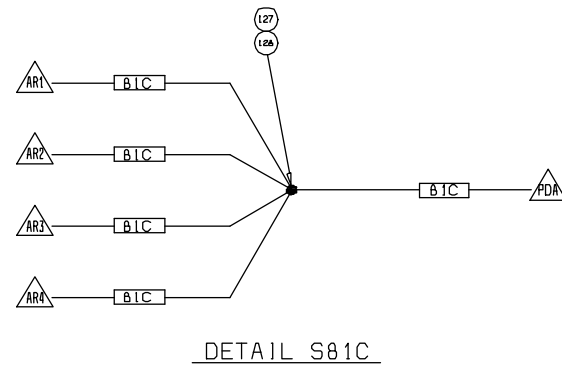
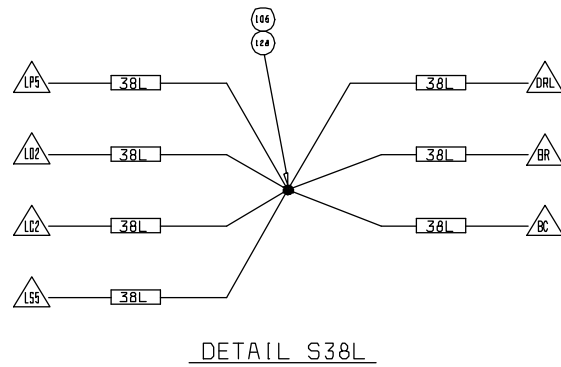
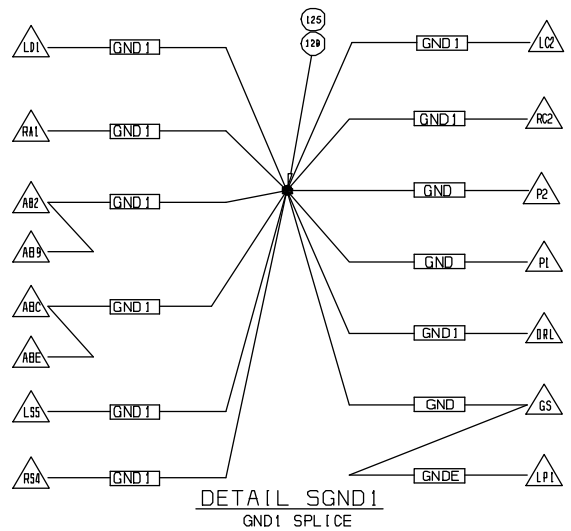
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DESIGNED BY S. T. MYRAN	DATE 01/10/97	UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI STANDARD Y14.5M-1987, WITH EXCEPTIONS PER FREIGHTLINER EDW BECT 307
DRAWN BY H. HARRIS	DATE 01/10/97	THIRD ANGLE PROJECTION
APPROVED BY C. COOPER	DATE 01/10/97	DATE 01/10/97

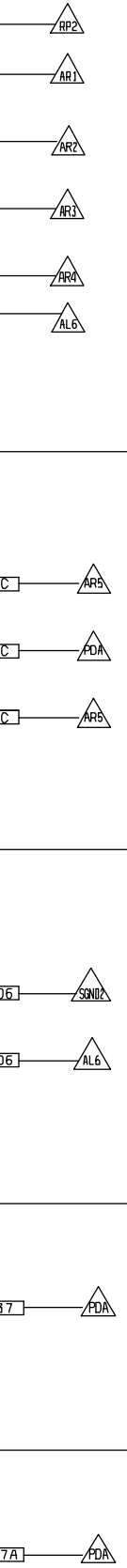
DESCRIPTION: HARNESS ASSY. MAIN CAB
CENTURY CLASS STANDARD CIRCUITS
A06-25925

REVISION LETTER: C
SHEET NUMBER: 1 OF 2

LOC	TO	APPROX	CIRCUIT	BRANCH
X	ITEM	LENGTH	DESCRIPTION	
NO.	NO.			
PDN	69	800	APADS GND	
GS	98	1175	GROUND - CHASSIS (EM1)	
GS	87	1600	GND. ELECT	
GS	87	1600	GND. ELECT	
GS	87	2965	MAIN PDM	A
GS	23	1600	SLEEPER GND	



- UNLESS OTHERWISE SPECIFIED, THIS ASSEMBLY MUST COMPLY WITH FREIGHTLINER STANDARD 49-00052
- CONNECTOR END VIEWS ARE SHOWN FROM THE CABLE INSERTION END.
- SEE SPLICE DETAIL S15A
- SEE SPLICE DETAIL S29A1
- SEE SPLICE DETAIL S29A2
- SEE SPLICE DETAIL S36B.
- SEE SPLICE DETAIL 38L.
- SEE SPLICE DETAIL 38R.
- DOUBLE W/CIRC 52 AT LS1.
- DOUBLE W/CIRC 76A AT RS3.
- SEE SPLICE DETAIL S81C
- SEE SPLICE DETAIL S108D
- SEE SPLICE DETAIL S315
- DOUBLES W/CIRC 108A AT RS3
- SEE SPLICE DETAIL SGND1
- SEE SPLICE DETAIL SGND2
- SEE SPLICE DETAIL SGND3
- CIRCS 1587+J + 1587-J ARE TO BE TWISTED TOGETHER A MIN OF ONE TWIST PER 30MM.
- CIRCS 1587+C + 1587-C ARE TO BE TWISTED TOGETHER A MIN OF ONE TWIST PER 30MM
- CIRCS 1587+P + 1587-P ARE TO BE TWISTED TOGETHER A MIN OF ONE TWIST PER 30MM
- DOUBLES W/GND2 AT LOC AL3
- DOUBLES W/GNDP AT LOC G5
- DOUBLES W/GNDP AT LOC G5
- DOUBLES GND1 AT LOC ABC
- DOUBLES W/GNDE AT LOC G5
- DOUBLE W/CIRC 29A AT RS2
- DOUBLE W/CIRC 29A AT AL2
- DOUBLE W/CIRC 29A AT AL3
- DOUBLE W/CIRC 29A AT RS3
- DOUBLE W/CIRC GND2 AT RS3
- DOUBLE W/CIRC 29A AT AS2
- DOUBLE W/CIRC GND2 AT AS2
- SEE SPLICE DETAIL SGND6
- SEE SPLICE DETAIL S81C1
- DIVIDE BRANCH 'A' INTO 4 BRANCHES AT GIVEN LOCATION. SPOT TAPE 4 PLACES EACH BRANCH
- REF LOCATION ONLY FOR OVERLAYS SEE MODULE 320 FOR CONVOLUTE P/N
- SEE SPLICE DETAIL S437
- SEE SPLICE DETAIL S437A
- DOUBLE W/CIRC GND1 AT AB2
- DOUBLE W/CIRC GNDC AT G5
- DOUBLE W/CIRC 29A AT AS4
- DOUBLE W/GND2 AT RS2
- SEPERATE INTO TWO BUNDLES
- SPOT TAPE THE THREE HA BREAKOUTS THIS AREA ONLY CONTINUE NOTE 43 BUNDLES INTO BRANCHES C & D WITH MINIMUM TAPE.
- THESE BREAKOUTS SHOULD BE LABELED AS SHOWN USING PACR 62979 (ITEM 40) MATERIAL.



AR	ITEM NUMBER	DESCRIPTION	REF
AR	48-00126-007	TAPE ELEC BLACK	139
2	PAC12146940	TERM M/P 800	138
			137
550	48-02218-062	CONDUIT	136
6	PAC12064753	SECONDARY LOCK	135
1	PAC12089527	CONN 6F M/P 280	134
2	PAC12064752	CONN 6F M/P 280	133
2	PAC12089134	TERM WEDGE	132
1	PAC12004264	SOCKET 2PIN	131
1	06-23089-001	SHROUD & GASKET	130
1	PAC12193503	PLUG - 30 M M/P MXD	129
15	PAC12077369	TUBING HEAT SHRINK	128
3	23-11283-000	SPLICE CLIP	127
5	681 546 01 41	SPLICE CLIP	126
3	681 546 03 41	SPLICE CLIP	125
2	PAC12129424	TERMINAL	124
			123
3	PAC12015271	HSG-2M 280	122
			121
4	A06-23621-000	SPLICEPACK, 280 SER, 10 WAY	120
2	PAC12064771	LOCK-SECONDARY	119
1	PAC12064769	CONNECTOR, 10 PIN, M/P	118
1	PAC12129083	LOCK-SECONDARY, TPA	117
1	PAC12129081	CONN.PLUG 2 PIN M/P	116
			115
			114
			113
			112
2	PAC12129940	LOCK - 2F, M/P, 630	111
1	PAC12129939	CONN, 2F, M/P 630	110
1	PAC12129938	CONN, 2M, M/P 630	109
			108
			107

AR	ITEM NUMBER	DESCRIPTION	REF
AR	48-00126-015	TAPE ELEC GREEN	107
4	681 546 02 41	SPLICE CLIP	106
3	PAC12052227	TERM FEMALE M/P 630 WINGED	104
2	PAC12020126	TERM MALE M/P 630	103
			102
3	PAC12162300	LOCK - 6F, M/P, MXD	101
2	PAC12162229	CONN - 6F, M/P, MXD	100
3	PAC12110700	TERM MALE M/P 800	99
1	PAC12048205	TERM RING - M8	98
			97
2	PAC12015360	SEAL, CBL, M/P 280	96
2625	48-25085-508	10 GA TXL	95
5775	48-02493-104	10 GA GXL	94
24170	48-02493-124	12 GA GXL	93
74425	48-02493-144	14 GA GXL	92
161895	48-02493-164	16 GA GXL	91
52510	48-02493-184	18 GA GXL	90
1	PAC12110127	TERM FEMALE M/P 800	89
2	PAC12092445	TERM FEMALE M/P 800	88
3	PAC12146365	TERM RING - M8	87
			86
26	PAC12034047	TERM MALE M/P 280	85
1	PAC12110844	TERM FEMALE M/P 280 FLEX	84
8935	48-02493-185	18 GA GXL - GREEN	83
8935	48-02493-183	18 GA GXL - ORANGE	82
2	PAC12124522	TERM FEMALE 56 SER	81
33	PAC12020116	TERM MALE M/P 280	80
32	PAC12047767	TERM FEMALE M/P 150 SER	79
24	PAC12015870	TERM FEMALE M/P 630	78
14	PAC12124515	TERM FEMALE 56 SER	77
1	PAC12124523	TERM FEMALE 56 SER	76
2	PAC12077413	TERM FEMALE M/P 280 SLD	75
47	PAC12146448	TERM FEMALE M/P 18-16	74
6	PAC12020120	TERM MALE M/P 480 #16-14 AWG	73
5	PAC12034046	TERM FEMALE M/P 280 #16 AWG	72
6	AI 171637 1	TERMINAL - SOCKET - AMP	71
6	PAC12124304	TERM FEMALE M/P 480 #14 AWG	70
60	PAC12066214	TERM FEMALE M/P 280 #16 AWG	69
1	PAC12034001	TERM FEMALE M/P 630 WINGED	68
9390	48-02223-069	8 GA SXL	67
7680	48-02223-109	10 GA SXL	66
3	PAC12015865	TERM FEMALE M/P 630 WINGED	65
42	PAC12129494	TERM FEMALE M/P 280 #14-12 AWG	64
27	PAC12129498	TERM MALE M/P 280 #14, #12 AWG	63
3	PAC12052827	TERM MALE M/P 480	62
6	PAC12052221	TERM FEMALE M/P 480 #10 AWG	61
19	PAC12084590	TERM FEMALE M/P 630 #10-12 AWG	60
1	PAC12084595	TERM FEMALE M/P 480 #10 AWG	59
			58
3	PAC12033820	TERM MALE M/P 480 #10AWG	57
			56
7	PANPLVP30SC D30	CABLE TIE, PUSH MOUNT	55
			54
3	PAC12162299	LOCK - SEC M/P 630	53
1	PAC12110075	PLUG - 6 PIN M/P 280	52
5	PAC12015952	PLUG - 1 PIN M/P 460	51
1	PAC12065141	LOCK - SEC 8M 280	50
1	PAC12066195	CONN - 8M, M/P 280	49
1	PAC12146038	CONN - 2F, M/P 800	48
1	PAC12129138	LOCK - SEC, FLEX -2	47
1	PAC12129136	PLUG - 4F, M/P FLEX	46

FILE NAME	REV	DATE	BY	DATE	APP
PB3307-03	-	-	INITIAL RELEASE	8/1/16/97	CAC
PB3307-05	A	EZ	ITEM 33 QUANTITY WAS '3'	8/16/97	CAC
	A1		SEE SH1		
	A2		ITEM 87 QUANTITY WAS '2'		
	A3		ITEM 98 QUANTITY WAS '2'		
	A4		REV AT LOC P1 AND 'D'		
	A5		REVISED & WIRE ITEM NUMBERS		
	A6		WIRE ITEM# 83 WAS 'AS'		
	A7		WIRE ITEM# 82 WAS 'AS'		
	A8		SELECTED WIRE ITEM 105		
PB2214-14	D		PAC SH1	8/23/97	CAC
	B1		SEE SH1		
	B2		SEE SH1		
	B3		HLS ADDED DPL TO SPLICE SHL		
	B4		REVISED DAV POS FROM CHAC 25A		
	B5		REVISED TO 59947		
PB2214-30	E	DCG	REV AT LOC DAV POS CHG WAS CL	11/14/97	KCN

QUANTITY	ITEM NUMBER	DESCRIPTION	REF
2	PAC12092401	LOCK - SEC 3, 800	45
1	PAC12110698	HSG - 6 PIN M/P 800	44
1	AI 770579 1	PLUG - 8 PIN AMP	43
1	PAC2973781	PLUG - 2M, 56 SRS	42
1	680 545 11 28	HSG - ELEC CONN 6	41
3	PACR 62979	LABEL	40
1	GRO01 9952 70	PLUG - 12 PIN, TURN 516	39
5	PAC12047664	LOCK - SEC, 2F, 150	38
5	PAC12052832	PLUG - 2F, M/P, 150	37
2	PAC12162915	INSERT - MYLAR	36
3	PAC12020398	HSG - 3 PIN M/P 280	35
1	PAC12020397	CONN 3F M/P 280	34
6	PAC12064999	LOCK - SEC, 8F, 280	33
3	PAC12064998	CONN - 8F, M/P, 280	32
1	PAC12059185	LOCK - SEC, 2F, 280	31
1	PAC12059183	ASM CONN - 2F, M/P, 280	30
2	PAC12034481	HSG - 6 PIN M/P, 280	29
12	PAC2977253	CONN - 1F 56 SER LK TYPE	28
2	PAC12045890	LOCK - SEC, 32F 100	27
2	PAC12045889	LOCK - SEC, 32F 100	26
1	PAC12110245	CONN - 32F, 100, PINK	25
1	PAC12110207	CONN - 32F, 100, BLUE	24
2	PAC12047901	LOCK - SEC 24F, 100	23
2	PAC12047900	LOCK - SEC 24F, 100	22
1	PAC12110244	CONN - 24F, 100, PINK	21
1	PAC12110206	CONN - 24F, 100, BLUE	20
7	ETN28 5623	CONN - SWITCH, 10W	19
4	PAC12045689	LOCK - SEC, 4F, 150	18
4	PAC12045613	PLUG - 4F M/P, 150	17
1	PAC12059860	LOCK - SEC 2 PIN, 480	16
1	PAC12064749	PLUG - 2 PIN M/P - 480	15
1	PAC12015664	PLUG - 4 PIN M/P - 630	14
5	PAC12015987	HSG - 1 PIN M/P 480	13
2	PAC12015345	HSG - 6 PIN M/P, 280	12
6	PAC12015344	PLUG - 6 PIN, M/P, 280	11
2	PAC12146039	SEC - LOCK, 2F 800	10
1	PAC12146037	CONN - 2F M/P 800	9
1	06-23088-000	SHROUD & GASKET	8
2	PAC12129670	LOCK - SEC, 38 PIN, BLKHD	7
1	PAC12191487	CONN -38M M/P MXD	6
1	06-23089-000	SHROUD & GASKET ASSY	5
4	PAC12065846	LOCK - SEC, 30 PIN, BLKHD	4
1	PAC12160959	PLUG - 30 M M/P MXD	3
4	PAC12092290	LOCK - SEC, 46 MXD	2
2	PAC12092285	CONN - 46F M/P MXD	1

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DATE: 01/10/97	DATE: 01/10/97	DATE: 01/10/97	DATE: 01/10/97
BY: H. HARRIS	BY: H. HARRIS	BY: H. HARRIS	BY: H. HARRIS
PROJECT: HARN ASSY	PROJECT: HARN ASSY	PROJECT: HARN ASSY	PROJECT: HARN ASSY
DATE: 01/10/97	DATE: 01/10/97	DATE: 01/10/97	DATE: 01/10/97
HARN ASSY, MAIN CAB			
CENTURY CLASS STANDARD CIRCUITS			
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