



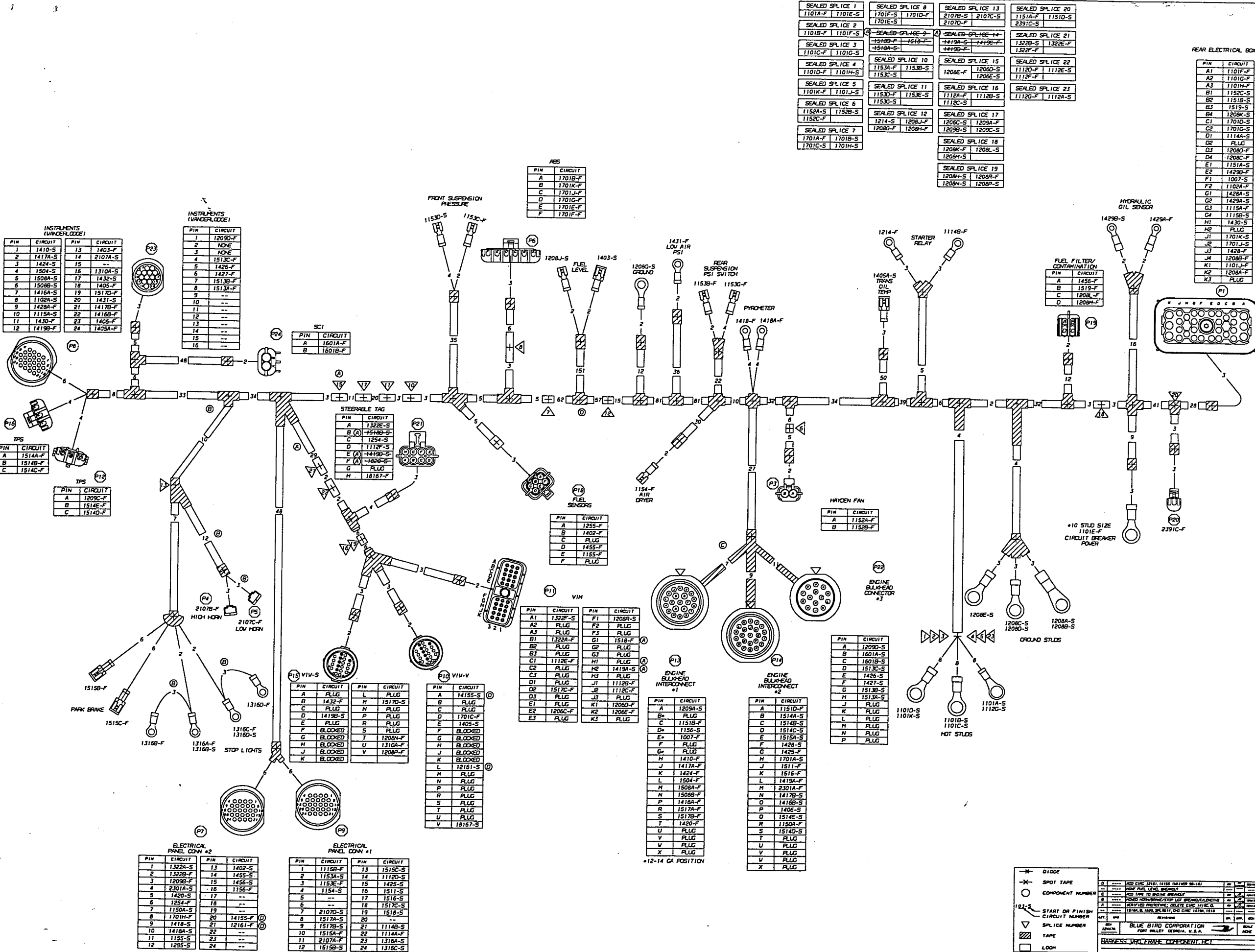
BLUE BIRD

# WANDERLODGE



# ELECTRICAL SYSTEM BOOKLET #4

64	0000089#1	H. WRG FRAME COMPONENT HC1 RCDA
65	0000089#2	H. WRG. FRAME COMPONENT HC1 RCDA
66	0000011	H. WRG. ENGINE CUMMINS M11 HC2
67	0000088	H. WRG. ENGINE DDEC HC2
68	1950831	H. WRG PANEL ELECTRICAL REAR HC3
69	0002287#1	H. WRG ELECTRICAL PANEL OUT SIDE ACCESS FRONT M11 HB1
70	0002287#2	H. WRG. ELECTRICAL PANEL OUT SIDE ACCESS FRONT M11 HB1
71	0002295#1	H. WRG. ELECTRICAL PANEL OUT SIDE ACCESS FRONT DDEC HB1
72	0002295#2	H. WRG ELECTRICAL PANEL OUT SIDE ACCESS FRONT DDEC HB1
73	1985167	H. WRG. STEERING COLUMN HB17
74	1954148	H. WRG BODY HB2
75	0002311	H. WRG. FRONT CAP HB7
76	0012021	H. WRG. BELTLINE LIGHTS POWER HC8
77	0010413	H. WRG. REAR CAP LOWER HB4
78	0005744	H. WRG. REAR CAR HB3
79	0010504	H. WRG. LIGHTS, LH, RR, HB5
80	0010488	H. WRG. LIGHTS LH, RR, HB5
81	1996735#1	H. WRG. LOOKS & LUGGAGE COMPARTMENT
82	1996735#2	H. WRG. LOOKS & LUGGAGE COMPARTMENT
83	0016071	H. WRG. ELEC. SERVICE DOOR FRONT CAP HB23
84	0016063	H. WRG. ELEC. SERVICE DOOR ELEC. PANEL HB22
85	0005727	H. WRG. FUEL SENSORS HC9
86	0010520	H. WRG. BOOST PUMP THERMOKING
87	1401652#1	CHART WIRING CONNECTORS PACKARD WEATHERPACK
88	1401652#2	CHART WIRING CONNECTORS PACKARD WEATHERPACK



**DIODE**  
**SPOT TAPE**  
**COMPONENT NUMBER**  
**START OR FINISH CIRCUIT NUMBER**  
**SPLICE NUMBER**  
**TAPE**  
**LOOM**

ADD CIRC 1291, 1455 (WHEN 88-12)  
 ADD CIRC 1455 (WHEN 88-12)  
 ADD TAPE TO BRIDGE BRACKET  
 ADD TAPE TO BRIDGE BRACKET  
 CHECK HOUSING STOP LOG BRACKETING  
 VERIFY PROTOTYPE, DELETE CIRC 1416, G  
 VERIFY & ADD SPLICE LOG CIRC 1416, 1418

REVISED  
 BLUE BIRD CORPORATION  
 PORT WELLS, GEORGIA, U.S.A.  
 EHRNESS, MRC, FRAME COMPONENT, HCl

DATE: 4/23/78 BY: [ ]  
 0012088, 1995504 000089

00000890 EHRNESS, WRC, FRAME COMPONENT, HCl

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUT DESCRIPTION, WIRE TYPE. Includes entries for 1007, 1101A, 1101B, etc.

•• LOOSE PIECE LOCATION

WIRE LIST CONT. table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUT DESCRIPTION, WIRE TYPE. Includes entries for 1402, 1403, 1405, etc.

TERMINAL LIST table with columns: TERM, TERMINAL DESCRIPTION, PART NUMBER. Includes entries for A, B, C, D, E, etc.

COMPONENT LIST table with columns: CDHP, COMPONENT, PART NUMBER. Includes entries for P1, P3, P4, P5, etc.

\* CONN 1944966 USED TO SEAL COMPONENT P18 (CONN 1903137).

- NOTES: 1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-GAL, EXCEPT WHERE NOTED. 2. LOOM MUST BE PACKED STANDARD POLYETHYLENE OR EQUIVALENT. 3. CIRCUT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.

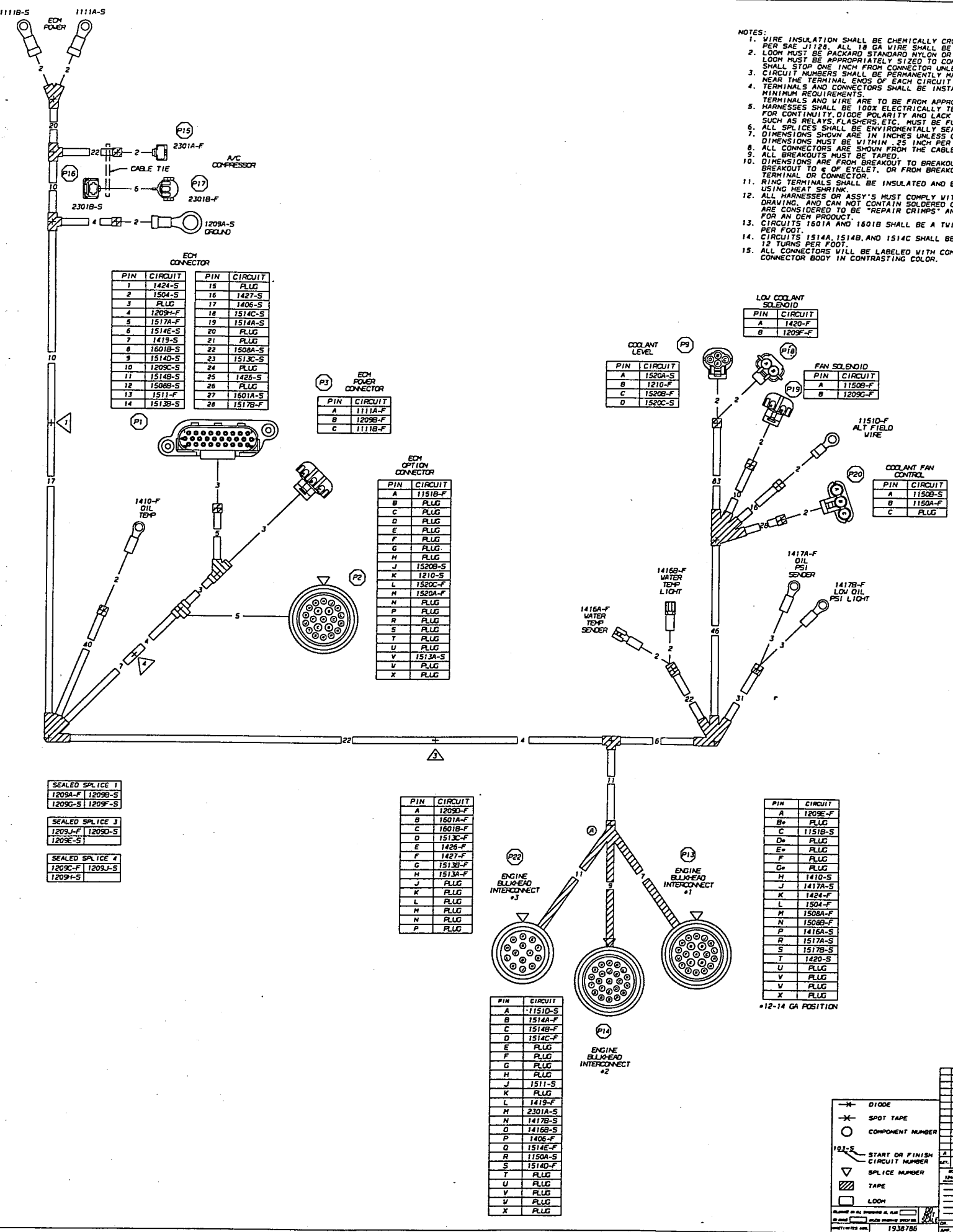
Legend for symbols: DIODE, SPOT TAPE, COMPONENT NUMBER, START OR FINISH CIRCUIT NUMBER, SPLICE NUMBER, TAPE, LOOM. Includes a table for material specifications and a company logo for BLUE BIRD CORPORATION.

WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION	TERMINAL	FINISH	CIRCUIT DESCRIPTION	
1111A	12	RD	**	P3	T	C	ENGINE ECM POWER
1111B	12	RD	**	P3	T	C	ENGINE ECM POWER
1150A	18	LT GN	P14	P20	G	P	COOLANT FAN CONTROL
1150B	18	LT GN	P20	P19	G	R	FAN SOL. SIGNAL
1151B	18	PK	P13	P2	G	C	ENGINE ECM IGN
1151D	18	PK	P14	**	G	K	ENG. IGNALT. FIELD WIRE
1209A	12	WH	**	SPLICE 1	A	**	GROUND
1209B	12	WH	SPLICE 1	P3	**	C	ECM GROUND
1209C	16	WH	P1	SPLICE 4	F	**	ECM RETURN
1209D	16	WH	SPLICE 3	P22	**	G	ECM RETURN
1209E	16	WH	SPLICE 3	P13	**	G	ECM RETURN
1209F	18	WH	SPLICE 1	P18	**	N	LOW COOLANT SENSOR GND
1209G	18	WH	SPLICE 1	P19	**	R	FAN SOL. GND
1209H	18	WH	SPLICE 4	P1	**	F	CLUTCH SWITCH SIGNAL
1209J	16	WH	SPLICE 4	SPLICE 3	**	**	ECM RETURN
1210	18	WH	P2	P9	G	H	LOW COOLANT RETURN
1406	18	GY	P1	P14	F	G	TACHOMETER
1410	18	LT BL/BK	P13	**	G	B	OIL TEMP SENDER
1416A	18	LT GN	P13	**	G	J	WATER TEMP SENDER
1416B	18	DK GN/YL	P14	**	G	S	WATER TEMP LIGHT
1417A	18	LT BL/BK	P13	**	G	B	OIL PRES SENDER
1417B	18	LT BL	P14	**	G	B	OIL PRES SENDER
1419	18	LT BL/BK	P1	P14	F	G	SPEED SIGNAL
1420	18	LT BL	P13	P18	G	N	LOW COOLANT LIGHT SENSOR
1424	18	YL	P1	P13	F	G	ENG PROT. LAMP
1426	18	PL/WH	P1	P22	F	G	CHECK ENGINE LIGHT
1427	18	RU	P1	P22	F	G	STOP ENGINE LIGHT
1504	18	LT BL	P1	P13	F	G	CRUISE ENABLE SWITCH
1508A	18	LT BL/GR	P1	P13	F	G	RESUME/ACCEL
1508B	18	YL/RO	P1	P13	F	G	CRUISE SET
1511	18	YL	P14	P1	G	F	STOP SV CRUISE OVERRIDE
1513A	18	BN/RD	P2	P22	G	G	DIAGNOSTIC REQUEST
1513B	18	GY	P1	P22	F	G	IDLE/DIAGNOSTICS
1513C	18	WH/BK	P1	P22	F	G	IDLE/DIAGNOSTICS
1514A	18	RD/WH	P1	P14	F	G	THROT POSN SENSOR SUPPLY
1514B	18	DK	P1	P14	F	G	THROT POSN SENSOR RETURN
1514C	18	DK S	P1	P14	F	G	THROT POSN SENSOR SIGNAL
1514D	18	LT BL	P1	P14	F	G	IDLE VALVE IGNITION
1514E	18	YL	P1	P14	F	G	IDLE VALVE IGNITION
1517A	18	LT BL/WH	P13	P1	G	F	ENGINE BRAKE CONTROL
1517B	18	WH/WH	P13	P1	G	F	ENGINE BRAKE CONTROL
1520A	18	OR	P9	P2	H	G	COOLANT LEVEL LOW
1520B	18	RD	P2	P9	G	H	LOW COOLANT POWER
1520C	18	OR	P9	P2	H	G	COOLANT LEVEL HIGH
1501A	18	DK GN/YL	P1	P22	F	G	DATA LINK +
1501B	18	DK GN	P1	P22	F	G	DATA LINK -
2301A	16	DK GN	P14	P15	G	V	A/C COMPRESSOR
2301B	16	DK GN	P16	P17	X	H	A/C COMPRESSOR

\*\* LOOSE PIECE LOCATION

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
P1	CONN. 28 CIRC. PLUG, AMP	1934975
P2	FLUG, SEAL, IND, AMP	1934991
P3	CONN. 21 CIRC. PLUG, DEUTSCH	1941921
P4	CONN. 3 CIRC. TOWER, W/P	1113299
P9	CONN. 10 CIRC. M. 150S	1826375
P13	LOCK, SEAL, 10C. 150S	1826409
P14	FLUG, CAVITY, 1 WAY, 150S	1793132
P15	CONN. 4 CIRC. F. 150S	1876671
P16	LOCK, SEAL, SEAL, 2C. 150S	1461458
P17	CONN. 21 CIRC. PLUG, DEUTSCH	0019646
P18	FLUG, SEAL, ING. CAVITY	1937499
P19	CONN. 23 CIRC. PLUG, DEUTSCH	0019653
P20	FLUG, SEAL, ING. CAVITY	1937499
P22	CONN. 1 CIRC. F. 56S	1159409
P23	CONN. 1 CIRC. M. 56S	1159391
P24	CONN. 1 CIRC. SHROLD, W/P	1154558
P25	CONN. 2 CIRC. TOWER, W/P	1829316
P26	CONN. 2 CIRC. TOWER, W/P	1161868
P27	CONN. 3 CIRC. F. 280S, METRI-FOX	1457902
P28	LOCK, SEAL, SEAL, 3 CIR. 280S	1461474
P29	FLUG, SEAL, ING. W/P	1161843
P30	CONN. 14 CIRC. PLUG, DEUTSCH	0000086
P31	FLUG, SEAL, ING. CAVITY	1937499

TERMINAL LIST		
TERM	DESCRIPTION	PART NUMBER
A	TERM. EYELET, 3/8, 10-12 GA, INS	2007474
B	TERM. EYELET, #10, 18-20 GA, INS	1353648
C	TERM. SOC. 12 GA, W/P	1632330
D	SEAL. WIRE, CBL. DIA. 136-169, BL	1113315
E	TERM. SOC. 16-18 GA, AMP	1934963
F	TERM. SOC. 16-18 GA, DEUTSCH	1941939
G	TERM. SOC. 16-20 GA, 150S	1460922
H	SEAL. WIRE, CBL. DIA. 080-112, RD	1461466
J	TERM. SLICE, 1/4, 18-22 GA, INSL	1930122
K	TERM. EYELET, #10, 14-16 GA, INSL	2007433
M	TERM. PIN, 14-15 GA, W/P, PHOEN	1113307
N	SEAL. WIRE, CBL. DIA. 111-137, OY	1154582
P	TERM. SOC. 16-18 GA, 280S, N-FOX	1460930
R	SEAL. WIRE, CBL. DIA. 080-112, RD	1613108
S	TERM. SOC. 18-20 GA, W/P	1605724
T	SEAL. WIRE, CBL. DIA. 080-112, RD	1613108
U	TERM. SLICE, 3/16, 18-22GA, INSL	1837756
V	TERM. EYE, #10, 10-12GA, INSL	2007441
X	TERM. SLICE, 1/4, 14-16 GA, 56S	2028056
Y	TERM. SLICE, 1/4, 14-16 GA, 56S	1159383



- NOTES:
1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1129. ALL 18 GA WIRE SHALL BE SXL. ALL OTHER GAUGES CXL.
  2. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  4. TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  5. TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY.
  6. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  7. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
  8. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  9. ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  10. ALL BREAKOUTS MUST BE TARGED.
  11. DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
  12. RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  13. ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
  14. CIRCUITS 1601A AND 1601B SHALL BE A TWISTED PAIR AT 12 TURNS PER FOOT.
  15. CIRCUITS 1514A, 1514B, AND 1514C SHALL BE A TWISTED TRIPLE AT 12 TURNS PER FOOT.
  16. ALL CONNECTORS WILL BE LABELED WITH COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.

— —	DIODE
—X—	SPOT TAPE
○	COMPONENT NUMBER
○	START OR FINISH CIRCUIT NUMBER
△	SPLICE NUMBER
—	TAPE
□	LOOM

A 1209E-F  
 B 1150B-S  
 C 1150B-F  
 D 1150A-F  
 E 1150B-F  
 F 1150B-F  
 G 1150B-F  
 H 1150B-F  
 I 1150B-F  
 J 1150B-F  
 K 1150B-F  
 L 1150B-F  
 M 1150B-F  
 N 1150B-F  
 O 1150B-F  
 P 1150B-F  
 Q 1150B-F  
 R 1150B-F  
 S 1150B-F  
 T 1150B-F  
 U 1150B-F  
 V 1150B-F  
 W 1150B-F  
 X 1150B-F

DATE	REV	BY	CHK
193786		E	000011

00000118 EHRNESS, MFG. ENGINE, CUMMINS M11, HC2  
 RCDR124H765009VJZ

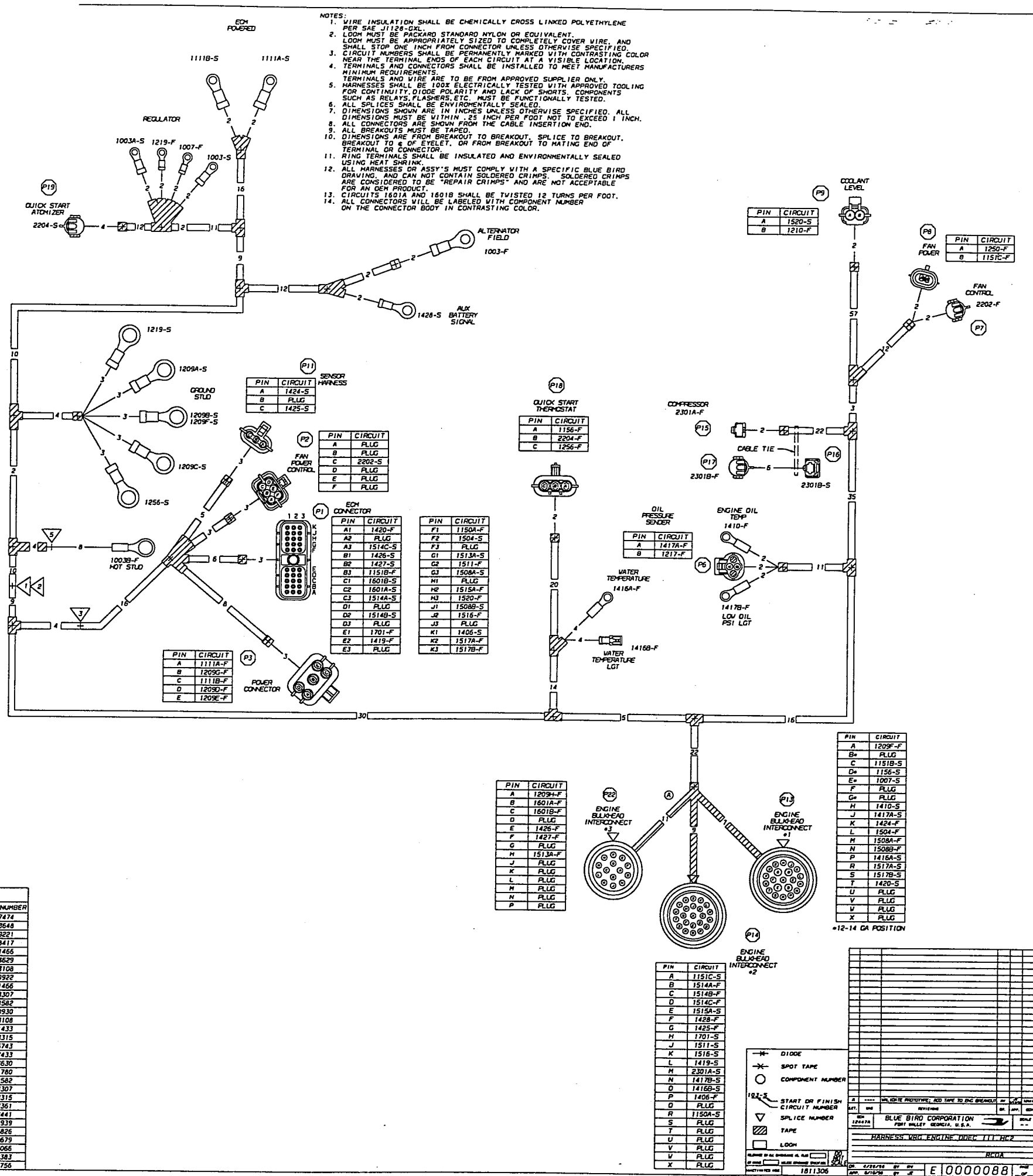
WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, START, FINISH, TERMINAL, CIRCUIT DESCRIPTION. Lists various wire connections for components like alternator, regulator, sensors, and lights.

\*\* LOOSE PIECE LOCATION

- SEALED SPlice 1: 1209A-F 1210-S, 1209D-S
SEALED SPlice 2: 1209B-F 1209E-S, 1209H-S
SEALED SPlice 3: 1209C-F 1209G-S, 1217-S 1250-S
SEALED SPlice 5: 1003A-F 1003B-S

COMPONENT LIST table with columns: COMP, DESCRIPTION, PART NUMBER. Lists various electrical components and their part numbers.

TERMINAL LIST table with columns: TERM, DESCRIPTION, PART NUMBER. Lists terminal specifications and part numbers.



- NOTES: 1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1126-DL... 2. LOOM MUST BE PACKARD STANDARD NYLON OR EQUIVALENT... 3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR...

Legend for symbols: DIODE, SPOT TAPE, COMPONENT NUMBER, START OR FINISH CIRCUIT NUMBER, SPLICE NUMBER, TAPE, LOOM. Includes a title block for BLUE BIRD CORPORATION and part number E10000088.



CIRC	GA	LOCATION		TERMINAL		CIRCUIT DESCRIPTION	
		START	FINISH	START	FINISH		
1007A	14	LT BL	P3	P5	O	P	REGULATOR POWER
1007B	14	LT BL	P1	P5	B	P	REGULATOR POWER
1101E	10	RD	P1	P3	A	G	BUSSED BATTERY POWER
1101G	10	RD	P1	P3	A	G	BUSSED BATTERY POWER
1101H	10	RD	P1	P3	A	G	BUSSED BATTERY POWER
1101J	10	RD	P1	P3	A	G	BUSSED BATTERY POWER
1102A	18	PK	P4	P2	E	F JOIN W/1102B	IGNITION
1102B	18	PK	P2	P2	J JOIN W/1102A	F JOIN W/1102C	IGNITION
1102C	18	PK	P2	P2	J JOIN W/1102B	F JOIN W/1102D	IGNITION
1102D	18	PK	P2	P2	J JOIN W/1102C	F JOIN W/1102E	IGNITION
1102E	18	PK	P2	P2	J JOIN W/1102D	F JOIN W/1102F	IGNITION
1102F	18	PK	P4	P4	K JOIN W/1102G	F JOIN W/1102H	IGNITION
1102G	18	PK	P4	P4	K JOIN W/1102E	F JOIN W/1102I	IGNITION
1102H	18	PK	P4	P4	K JOIN W/1102F	F JOIN W/1102J	IGNITION
1102I	18	PK	P4	P4	K JOIN W/1102G	F JOIN W/1102K	IGNITION
1102J	18	PK	P4	P4	K JOIN W/1102H	F JOIN W/1102L	IGNITION
1102K	18	PK	P4	P4	K JOIN W/1102I	F JOIN W/1102M	IGNITION
1102L	18	PK	**	**	D JOIN W/1102J	D JOIN W/1102K	IGNITION
1102M	18	PK	P2	P2	P4	J JOIN W/1102L	IGNITION
1102N	18	PK	**	**	P4	J JOIN W/1102M	IGNITION
1102P	18	PK	SPLICE 1	**	**	N	IGNITION
1102R	18	PK	P1	**	C	D	IGNITION
1102T	18	BV OR	P4	SPLICE 1	J JOIN W/1102N	**	IGNITION
1102U	18	PJ	P1	SPLICE 2	C	**	START SWITCH
1102V	18	PJ	**	P2	D JOIN W/1102U	M	START SWITCH
1102W	18	PJ	SPLICE 3	**	**	D JOIN W/1102V	START SWITCH
1102X	18	PJ	**	**	C	D	START SIGNAL
1102Y	18	PJ	**	**	J JOIN W/1102W	K JOIN W/1102X	REM START ON/OFF SV (START)
1102Z	18	PK	P1	P2	C	K	ENGINE IGNITION
1103A	18	PK	P1	P3	C	R	ECM IGNITION POWER
1103B	18	PK	**	P3	J JOIN W/1103A	O	ECM IGNITION
1103C	18	PK	P2	P4	E	E	IGNITION DROPOUT
1103D	18	PK	P3	P2	D	M	IGNITION POWER
1103E	18	PK	P3	P2	O	F JOIN W/1103D	ENGINE IGNITION
1103F	18	PK	P1	P2	C	F JOIN W/1103E	IGN POWER TO EXCITER WIRE

CIRC	GA	LOCATION		TERMINAL		CIRCUIT DESCRIPTION	
		START	FINISH	START	FINISH		
1152A	12	RD	P3	P5	O	H	HAYDEN FAN POWER
1152C	12	RD	P1	P5	B	H	HAYDEN FAN POWER
1200A	18	UH	P1	P2	C	F JOIN W/1200B	GROUND
1200C	18	UH	P1	P2	B	F JOIN W/1200B	GROUND
1200D	18	UH	P2	P2	F JOIN W/1200C	F JOIN W/1200E	GROUND
1200E	18	UH	P2	P2	J JOIN W/1200D	F JOIN W/1200F	GROUND
1200F	18	UH	P2	P2	J JOIN W/1200E	F JOIN W/1200G	GROUND
1200G	18	UH	P2	P2	J JOIN W/1200F	F JOIN W/1200H	GROUND
1200H	18	UH	P2	P2	J JOIN W/1200G	F JOIN W/1200I	GROUND
1200I	18	UH	P2	P2	J JOIN W/1200H	F JOIN W/1200J	GROUND
1200J	18	UH	P2	P2	J JOIN W/1200I	F JOIN W/1200K	GROUND
1200K	18	UH	P4	P4	K JOIN W/1200L	N	GROUND
1200L	18	UH	P4	P4	K JOIN W/1200J	N	GROUND
1200M	18	UH	P4	P4	K JOIN W/1200K	N	GROUND
1200N	18	UH	P4	P4	K JOIN W/1200L	N	GROUND
1200P	18	UH	P2	P2	J JOIN W/1200M	J JOIN W/1200N	GROUND
1429A	18	YL/ BK	P1	P4	C	E	AUX BATT CTRL
1429B	18	YL/ BK	P1	P4	C	M	AUX BATT SIGNAL
1429C	18	BN	P1	P5	C	N	HYDRAULIC OIL SENSOR
1429D	18	BV OR	P1	SPLICE 1	C	**	HYDRAULIC OIL SENSOR
1430A	18	LT GN	P1	P4	C	K JOIN W/1430B	ABS WARNING LIGHT
1430B	18	LT GN	P4	P4	J JOIN W/1430A	E	ABS WARNING LIGHT
1519A	14	LT BL	P1	P2	B	K	FUEL FILTER POWER
1519B	14	LT BL	P3	P2	O	K	FUEL FILTER
1701A	12	PK	P3	P2	O	J JOIN W/1701B	EC-15 POWER
1701B	12	PK	P3	P2	O	K	MC-11 POWER
1701C	12	PK	P2	P2	J JOIN W/1701A	L	MC-15 POWER
1701D	12	PK	P1	P2	B	L JOIN W/1701C	MC-15 POWER
1701E	12	PK	P2	P2	J JOIN W/1701D	L	MC-15 POWER
1701F	12	PK	P1	P2	C	K	MC-11 POWER
1701G	12	PK	P1	P4	C	M	EC-15 WARNING CTRL
1701H	12	LT GN/ BK	P1	P4	C	M	EC-15 WARNING CTRL
1701I	12	LT GN	P1	P4	C	M	MC-11 WARNING CTRL

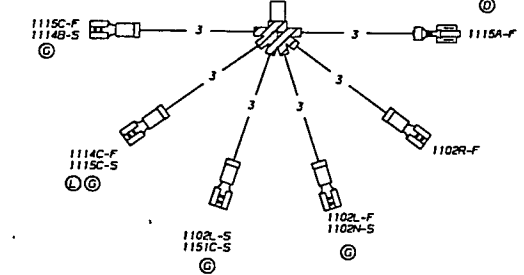
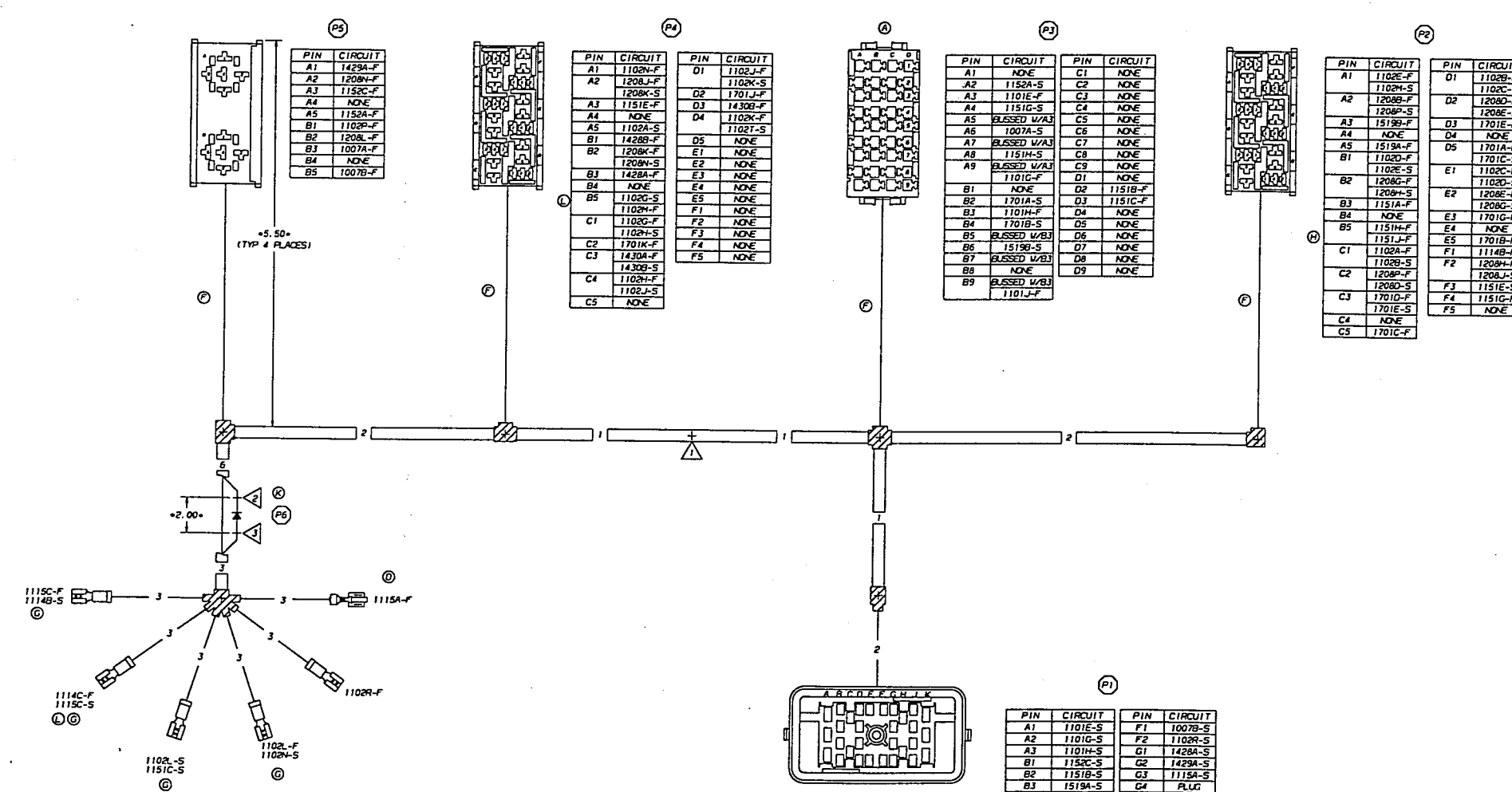
TERM	DESCRIPTION	PART NO.
A	TERM. M. 10 GA. .480 SERIES, METRI-PACK	1866512
B	SEAL. WIRE, CBL/DIA. 142-.177, PU, 480 SER	1940980
C	TERM. PIN, 14-12 GA. 280 SERIES, METRI-PACK	1754357
D	SEAL. WIRE, CBL/DIA. 136-.169, BL, W/PACK	1113315
E	TERM. PIN, 16-18 GA. 280 SERIES, METRI-PACK	1613629
F	SEAL. WIRE, CBL/DIA. 080-.112, GREEN, MTR-PK	1643108
G	TERM. SLIDE, 1/4, 14-18 GA, INSL.	2007417
H	TERM. FEMALE, 18-20 GA, 630 SERIES, MTR-PK	1950633
I	TERM. SOC, 12/18-18 GA, 480 SERIES, MTR-PK	1950708
J	TERM. SOC, 10 GA, 280 SER, BUSS BAR, MTR-PK	1950732
K	TERM. FEMALE, 12 GA, 630 SERIES, MTR-PK	1950641
L	TERM. FEMALE, 12 GA, 630 SERIES, MTR-PK	1950666
M	TERM. FEMALE, 18-18 GA, 480 SERIES, MTR-PK	1950716
N	TERM. FEMALE, 18-20 GA, 630 SERIES, MTR-PK	1811595
O	TERM. FEMALE, 14-16 GA, 630 SERIES, MTR-PK	1703354
P	TERM. SOC, 12-14 GA, 280 SER, BUSS BAR, M/P	1950724
Q	TERM. SOC, 16-18 GA, 280 SER, BUSS BAR, M/P	1952415

COMP	COMPONENT	PART NUMBER
P1	CONN. 30 CIRC. M. MXD SERIES, METRI-PACK	1746528
P1	SEAL. CONNECTION, PACKARD 12055849	1746536
P1	PLUG, SEALING, WEATHERPACK CONNECTOR, PACK	1818443
P1	PLUG, SEALING, 480 SER. CONNECTOR, PACKARD	1819964
P2	RELAY BLOCK, 6 POSITION, MICRO	1746411
P2	LOCK, SECONDARY, 6 POSITION, MICRO RLY BLK	1950617
P3	FUSE BLOCK, 16 VAY, MINI FUSE	1950591
P3	LOCK, SECONDARY, 16 VAY, MINI FUSE BLOCK	1950609
P4	RELAY BLOCK, 6 POSITION, MICRO	1746411
P4	LOCK, SECONDARY, 6 POSITION, MICRO RLY BLK	1950617
P5	RELAY BLOCK, MINI	1754318
P5	LOCK, SECONDARY, 5 CIRC. 630 SERIES, MTR-PK	1703321
P6	DIODE, RECTIFIER, 6 AMP, 5812	1459030

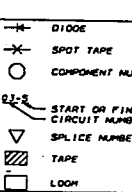
- NOTES:
- WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-GXL.
  - LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  - CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  - TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  - TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  - ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
  - DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  - ALL CONNECTORS ARE SHOWN FROM THE MATING END.
  - ALL BREAKOUTS MUST BE TAPED.
  - DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO 6 OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL/CONNECTOR.
  - RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  - ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.

SEALED SPLICE 1:	SEALED SPLICE 2:	SEALED SPLICE 3:
1102P-S 1102T-F	1111A-F DIODE CATHODE	1111C-S DIODE ANODE
1429B-F		

\*\* LOOSE PIECE LOCATION



PIN	CIRCUIT	PIN	CIRCUIT
A1	1101E-S	F1	1007B-S
A2	1101G-S	F2	1102R-S
A3	1101H-S	G1	1429A-S
B1	1152C-S	G2	1429B-S
B2	1151B-S	G3	1151A-S
B3	1519A-S	G4	PLUG
B4	1200C-S	H1	1430A-S
C1	1701D-S	H2	NONE
C2	1701G-S	J1	1701K-S
D1	1114A-S	J2	1701J-S
D2	1151J-S	J3	1429B-S
D3	1200L-S	J4	1200G-S
D4	1200C-F	K1	1101J-S
E1	1151A-S	K2	PLUG
E2	1429B-S	K3	PLUG



DIODE

SPOT TAPE

COMPONENT NUMBER

START OR FINISH CIRCUIT NUMBER

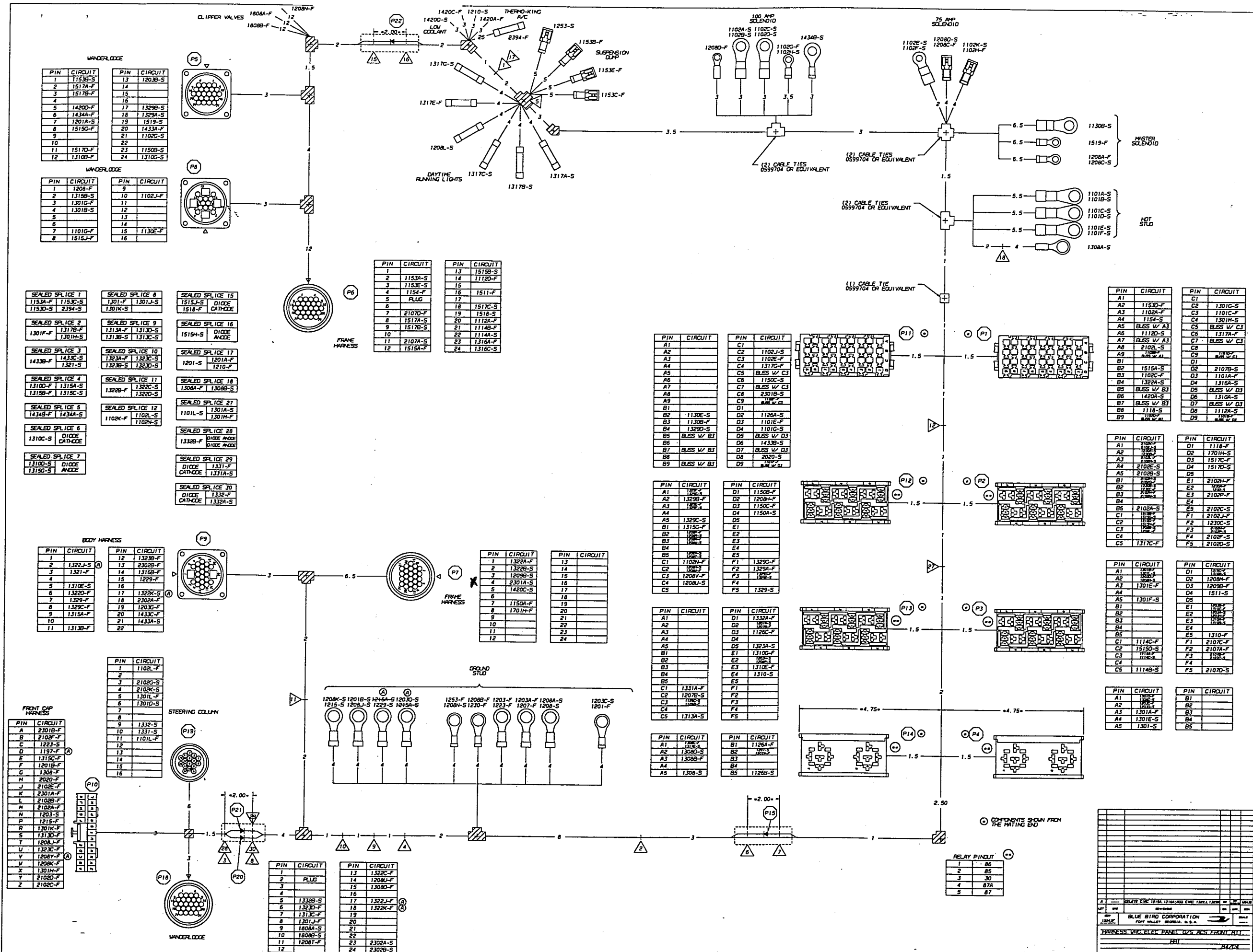
SPLICE NUMBER

TAPE

LOOM

FINISH PRINT COLOR OF TYPE

DATE: 11/19/97 BY: E 1950831



PIN	CIRCUIT	PIN	CIRCUIT
1	1153B-S	13	1203B-S
2	1517A-F	14	
3	1517B-F	15	
4		16	
5	1420D-F	17	1329B-S
6	1434A-F	18	1329A-S
7	1201A-S	19	1515-S
8	1515G-F	20	1433A-F
9		21	1102C-S
10		22	
11	1517D-F	23	1150B-S
12	1310B-F	24	1310G-S

PIN	CIRCUIT	PIN	CIRCUIT
1	1208-F	9	
2	1315B-S	10	1102J-F
3	1301G-F	11	
4	1301B-S	12	
5		13	
6		14	
7	1101G-F	15	1130E-F
8	1515J-F	16	

SEALD SPLICE	SEALD SPLICE	SEALD SPLICE
1 1153A-F 1153D-S 2394-S	8 1301-F 1301J-S 1301K-S	15 1515J-S 1518-F DIODE CATHODE
2 1301F-F 1301H-S	9 1313A-F 1313B-S 1313C-S	16 1519H-S DIODE ANODE
3 1433B-F 1433C-S 1321-S	10 1323A-F 1323B-S 1323C-S	17 1201-S 1201A-F 1210-F
4 1310Q-F 1315A-S 1315B-F 1315C-S	11 1322B-F 1322C-S 1322D-S	18 1308A-F 1308B-S
5 1434B-F 1434A-S	12 1102K-F 1102L-S 1102M-S	27 1101L-S 1301A-S 1301H-F
6 1310C-S DIODE CATHODE	SEALD SPLICE 7 1310Q-S DIODE ANODE	28 1332B-F DIODE ANODE
SEALD SPLICE 7 1310Q-S DIODE ANODE	SEALD SPLICE 12 1102K-F 1102L-S 1102M-S	29 SEALD SPLICE 29 DIODE CATHODE 1331-F 1331A-S
SEALD SPLICE 7 1310Q-S DIODE ANODE	SEALD SPLICE 12 1102K-F 1102L-S 1102M-S	30 SEALD SPLICE 30 DIODE CATHODE 1332-F 1332A-S

PIN	CIRCUIT	PIN	CIRCUIT
1	1322J-S	12	1329B-F
2	1321-F	13	2302B-F
3	1312E-S	14	1315B-F
4	1322D-F	15	1229-F
5	1329-F	16	
6	1329C-F	17	1329K-S
7	1329B-F	18	2302A-F
8	1329C-F	19	1203G-F
9	1315A-F	20	1433C-F
10	1313B-F	21	1433A-F
11	1313B-F	22	

PIN	CIRCUIT	PIN	CIRCUIT
1	1102L-F	3	2102C-S
2		4	2102K-S
3	2102C-S	5	1301L-F
4	2102K-S	6	1301D-S
5	1301L-F	7	
6	1301D-S	8	
7		9	1332-S
8		10	1331-S
9	1332-S	11	1101L-F
10	1331-S	12	
11	1101L-F	13	
12		14	
13		15	
14		16	

PIN	CIRCUIT	PIN	CIRCUIT
A	2301B-F	13	1322C-F
B	2102F-F	14	1208U-F
C	1223-S	15	1308D-F
D	1197-F	16	
E	1315C-F	17	1322J-F
F	1201B-F	18	1322K-F
G	1304-F	19	
H	2020-F	20	
I	2102E-F	21	
J	2301A-F	22	2302A-S
K	2102B-F	23	1208T-F
L	2102B-F	24	2302B-S
M	2102A-F		
N	1203-S		
O	1215-F		
P	1301K-F		
Q	1301K-F		
R	1313D-F		
S	1313D-F		
T	1208L-F		
U	1323C-F		
V	1208V-F		
W	1208K-F		
X	1301H-F		
Y	2102D-F		
Z	2102C-F		

PIN	CIRCUIT	PIN	CIRCUIT
1	PLUG	13	1322C-F
2		14	1208U-F
3		15	1308D-F
4		16	
5	1332B-S	17	1322J-F
6	1323D-F	18	1322K-F
7	1313C-F	19	
8	1301J-F	20	
9	1808A-S	21	
10	1808B-S	22	
11	1208T-F	23	2302A-S
12		24	2302B-S

PIN	CIRCUIT	PIN	CIRCUIT
A1		C1	
A2		C2	1102J-S
A3		C3	1102E-F
A4		C4	1317G-F
A5		C5	BLESS W/ C3
A6		C6	1150C-S
A7		C7	BLESS W/ C3
A8		C8	2301B-S
A9		C9	BLESS W/ C3
B1		D1	BLESS W/ C3
B2	1130C-S	D2	1126A-S
B3	1130B-F	D3	1101E-F
B4	1329D-S	D4	1101C-S
B5	BLESS W/ B3	D5	BLESS W/ D3
B6		D6	1413B-S
B7	BLESS W/ B3	D7	BLESS W/ D3
B8		D8	2020-S
B9	BLESS W/ B3	D9	BLESS W/ D3

PIN	CIRCUIT	PIN	CIRCUIT
A1	1208-F	E1	
A2	1329B-F	E2	
A3	1208-F	E3	
A4	1208-F	E4	
A5	1329C-S	E5	
B1	1315G-F	F1	1329G-F
B2	1208-F	F2	1329A-F
B3	1208-F	F3	1208-F
B4	1208-F	F4	1208-F
B5	1208-F	F5	1329-S
C1	1102H-F		
C2	1208-F		
C3	1208V-F		
C4	1208L-S		
C5			

PIN	CIRCUIT	PIN	CIRCUIT
A1		D1	1332A-F
A2		D2	1208-F
A3		D3	1126C-F
A4		D4	
A5		D5	1323A-S
B1		E1	1310C-F
B2		E2	1208-F
B3		E3	1310E-F
B4		E4	1310-S
B5		E5	
C1	1331A-F	F1	
C2	1207B-S	F2	
C3	1208-F	F3	
C4		F4	
C5	1313A-S	F5	

PIN	CIRCUIT	PIN	CIRCUIT
A1	1208-F	B1	1126A-F
A2	1308D-S	B2	1208-F
A3	1308B-F	B3	
A4		B4	
A5	1308-S	B5	1126B-S

RELAY PINOUT	RELAY PINOUT
1	85
2	85
3	30
4	87A
5	87

PIN	CIRCUIT	PIN	CIRCUIT
A1		C1	
A2	1153D-F	C2	1301C-S
A3	1102A-F	C3	1101C-F
A4	1154-S	C4	1301H-S
A5	BLESS W/ A3	C5	BLESS W/ C3
A6	1112D-S	C6	1317A-F
A7	BLESS W/ A3	C7	BLESS W/ C3
A8	2102L-S	C8	
A9	BLESS W/ A1	C9	BLESS W/ C3
B1		D1	
B2	1515A-S	D2	2107B-S
B3	1102C-F	D3	1101A-F
B4	1322A-S	D4	1315A-S
B5	BLESS W/ B3	D5	BLESS W/ D3
B6	1420A-S	D6	1310A-S
B7	BLESS W/ B3	D7	BLESS W/ D3
B8	1118-S	D8	1112A-S
B9	BLESS W/ B3	D9	BLESS W/ D3

PIN	CIRCUIT	PIN	CIRCUIT
A1	1102L-F	D1	1118-F
A2	1102L-F	D2	1701H-S
A3	1102L-F	D3	1517C-F
A4	2102C-S	D4	1517D-S
A5	2102B-S	D5	
B1	1102L-F	E1	2102H-F
B2	1102L-F	E2	1102L-F
B3	1102L-F	E3	2102P-F
B4	1102L-F	E4	
B5	2102A-S	E5	2102C-S
C1	1102L-F	F1	2102J-F
C2	1102L-F	F2	1210C-S
C3	1102L-F	F3	1102L-F
C4	1102L-F	F4	2102F-S
C5	1317C-F	F5	2102D-S

PIN	CIRCUIT	PIN	CIRCUIT
A1	1102L-F	D1	1102L-F
A2	1102L-F	D2	1208A-F
A3	1301E-F	D3	1208B-F
A4		D4	1511-S
A5	1301F-S	D5	
B1		E1	1208B-F
B2		E2	1102L-F
B3		E3	1102L-S
B4		E4	
B5		E5	1310-F
C1	1114C-F	F1	2107C-F
C2	1515D-S	F2	2107A-F
C3	1102L-F	F3	1102L-F
C4		F4	1102L-F
C5	1114B-S	F5	2107D-S

PIN	CIRCUIT	PIN	CIRCUIT
A1	1102L-F	B1	
A2	1102L-F	B2	
A3	1301A-F	B3	
A4	1301E-S	B4	
A5	1301-S	B5	



0002287A EHRNESS, MRG. ELEC. PNL. 02S. FRT. M11 BU/04122430202HWER

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUI, DESCRIPTION. Contains wiring details for various components like BATTERY BUSS POWER, 100A SOLENOID PWR, etc.

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUI, DESCRIPTION. Contains wiring details for components like W/WIPER GROUND, SUSPENSION DUMP GRD, HEADLIGHT PWR, etc.

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUI, DESCRIPTION. Contains wiring details for components like NEUTRAL SIGNAL, MASTERED SOLENOID CNTRL, ABS ACTIVE SIGNAL, etc.

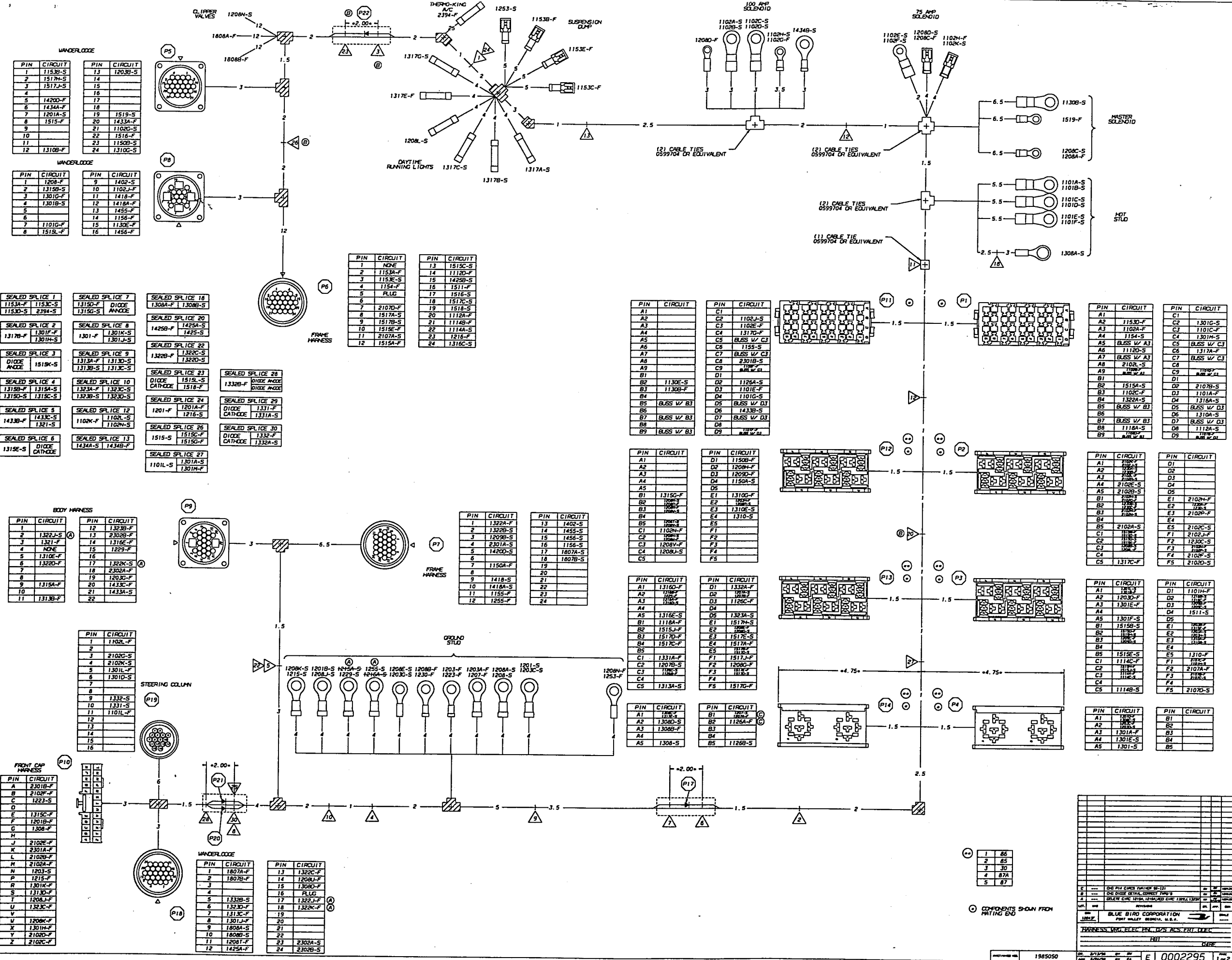
LOOSE PIECE LOCATION

COMPONENT LIST table with columns: COMP, DESCRIPTION, PART NUMBER. Lists various electrical components like FUSE BLOCK, RELAY BLOCK, CLAMP STRAIN RELIEF, etc.

TERMINAL LIST table with columns: TERM, DESCRIPTION, PART NUMBER. Lists terminal locations and their corresponding part numbers.

- NOTES: 1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-DXL. 2. LOOM MUST BE PACKAGED STANDARD POLYETHYLENE OR EQUIVALENT. 3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.

Legend for symbols: DIODE, SPOT TAPE, COMPONENT NUMBER, START OR FINISH CIRCUIT NUMBER, SPLICE NUMBER, TAPE, LOOM. Includes a drawing of a wire harness section with labels.



0002295C EHRNESS, WFG, ELEC. PNL. Q/S. RCS. FRT. DDEC QURE12243K02HWVW

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUI, DESCRIPTION. Rows include 1101A through 1255 18.

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUI, DESCRIPTION. Rows include 1301 14 through 1517D 18.

WIRE LIST table with columns: CIRC, GA, WIRE COLOR, LOCATION, TERMINAL, CIRCUI, DESCRIPTION. Rows include 1517E 18 through 2354 18.

LOOSE PIECE LIST

COMPONENT LIST table with columns: COMP, DESCRIPTION, PART NUMBER. Rows include P1 FUSE BLOCK, P2 RELAY BLOCK, P3 RELAY BLOCK, etc.

TERMINAL LIST table with columns: TERM, DESCRIPTION, PART NUMBER. Rows include A TERMINAL EYELET, B TERMINAL, C TERMINAL, etc.

- NOTES: 1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-CL. 2. LOOM MUST BE PACKAGED STANDARD POLYETHYLENE OR EQUIVALENT. 3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.

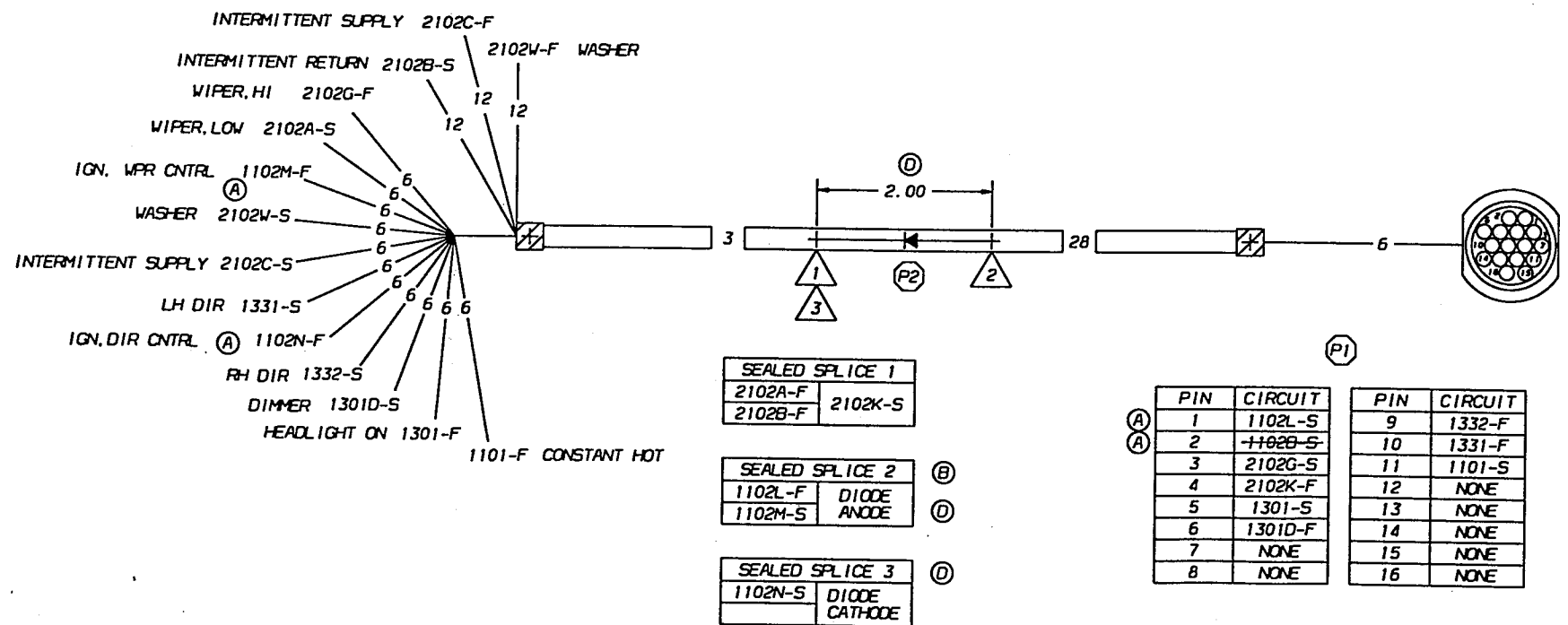
Legend for symbols: DIODE, SPOT TAPE, COMPONENT NUMBER, START OR FINISH CIRCUIT NUMBER, SPLICE NUMBER, TAPE, LOOM. Includes BLUE BIRD CORPORATION logo and drawing number 0002295.

1985167D CHARNESS, WRG, STEERING COLUMN, HB17

W4RE12243K\$0ORVRV

CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1101	16	RD	P1	**	A	NONE	CONSTANT HOT
1102L	16	PK	P1	SPLICE 2	A	---	IGN
1102M	16	PK	**	**	---	NONE	IGN, WPR CNTRL
1102N	18	PK	SPLICE 3	**	---	NONE	IGN, DIR CNTRL
1301	18	DK GN/BK	P1	**	A	NONE	HEAD LIGHT ON SIGNAL
1301D	18	DK GN/BK	**	P1	NONE	A	DIMMER CONTROL
1331	18	YL/BK	**	P1	NONE	A	LH DIR CONTROL
1332	18	DK GN/BK	**	P1	NONE	A	RH DIR CONTROL
2102A	18	RD	**	SPLICE 1	NONE	---	WPR, LOW SPEED
2102B	18	LT BL	**	SPLICE 1	NONE	---	INTERMITTENT RETURN
2102C	18	BK	**	**	NONE	NONE	INTERMITTENT SUPPLY
2102G	18	BN	P1	**	A	NONE	WPR, HIGH CONTROL
2102K	18	BN	SPLICE 1	P1	---	A	WPR, LOW CONTROL
2102W	16	BK	**	**	NONE	NONE	WASHER FEED

\*\* LOOSE PIECE LOCATION



- NOTES:
- WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-GXL.
  - LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  - CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  - TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  - TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY.
  - HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  - ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
  - DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  - ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  - ALL BREAKOUTS MUST BE TAPED.
  - DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO C OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
  - RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  - ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
  - ALL CONNECTORS WILL BE LABELED WITH COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 16 CIRC, CAP, CPC, SERIES 1, AMP	1692482
P2	CLAMP, STRAIN RELIEF, W/O SEAL, CPC, AMP	1692490
	DIODE, 1N5408	1320977

TERMINAL LIST		
TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, PIN, 14-18 GA, CPC, SERIES 1, AMP, LS PC	1077486

DIODE	SPOT TAPE	COMPONENT NUMBER	
103-S	START OR FINISH CIRCUIT NUMBER		
▽	SPLICE NUMBER		
▨	TAPE		
□	LOOM		

REV	BY	DATE	DESCRIPTION
D	---	---	ADD DIODE P2 AND SPLICE 3 (UNAVAIL 96-17)
C	---	---	ADD STRAIN RELIEF AND NOTE 13.
B	---	---	ADD SPLICE 2; D/G WIRE SIZE
A	---	---	ADD CIRC 1102L, M, N; DELETE CIRC 1102A, B

DR. 09/30/97 BY RL  
APP. 10/28/97 BY RV

SCALE NONE

HARNESSES WRG, STEERING COLUMN, HB17

W4RE

1985167

FRAME 1 OCTOBER 12, 1998 11.25.50

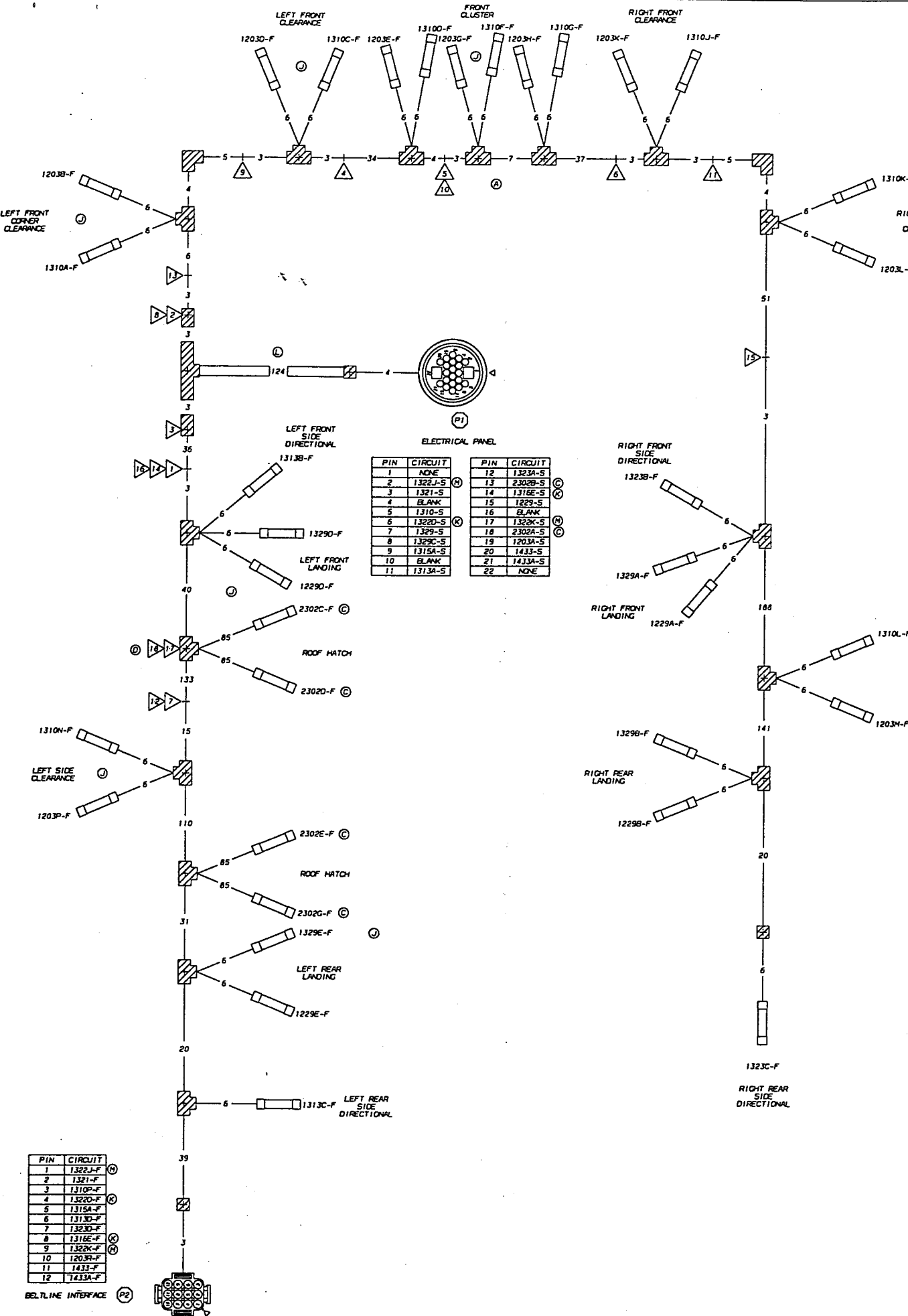
COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 22 CIR, PLUG, CPC, SERIES 4, AMP	1078239
	CLAMP, STRAIN RELIEF, W/O SEAL, CPC, AMP	2264349
P2	CONNECTOR, 12 CIR, PLUG, MATE-N-LOK 11, AMP	1438282

TERMINAL LIST		
TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, SOC, 14-18 GA, CPC, SER 1, AMP, LS, PC	1077478
B	TERMINAL, PIN, 14-20 GA, MATE-N-LOK 11, AMP	1438316
C	TERMINAL, BUTT CONN, 14-16 GA, INCL	2007409

WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION	START	FINISH	CIRCUIT DESCRIPTION	
1203A	14	WH	P1	SPLICE 3	A	---	CLEARANCE/CLUSTER GRD
1203B	14	WH	SPLICE 3	---	---	---	CLEARANCE/CLUSTER GRD
1203C	14	WH	SPLICE 3	SPLICE 4	---	---	CLEARANCE/CLUSTER GRD
1203D	14	WH	SPLICE 4	---	---	---	CLEARANCE/CLUSTER GRD
1203E	14	WH	SPLICE 4	---	---	---	CLEARANCE/CLUSTER GRD
1203F	14	WH	SPLICE 4	SPLICE 5	---	---	CLEARANCE/CLUSTER GRD
1203G	14	WH	SPLICE 5	---	---	---	CLEARANCE/CLUSTER GRD
1203H	14	WH	SPLICE 5	SPLICE 6	---	---	CLEARANCE/CLUSTER GRD
1203J	14	WH	SPLICE 6	---	---	---	CLEARANCE/CLUSTER GRD
1203K	14	WH	SPLICE 6	---	---	---	CLEARANCE/CLUSTER GRD
1203L	14	WH	SPLICE 6	---	---	---	CLEARANCE/CLUSTER GRD
1203M	14	WH	SPLICE 6	---	---	---	CLEARANCE/CLUSTER GRD
1203N	14	WH	SPLICE 3	SPLICE 7	---	---	CLEARANCE/CLUSTER GRD
1203P	14	WH	SPLICE 7	---	---	---	CLEARANCE/CLUSTER GRD
1203Q	14	WH	SPLICE 7	P2	---	---	CLEARANCE/CLUSTER GRD
1215A	14	WH	P1	P2	A	B	SELVAGE GRD
1215B	14	WH	P1	P2	A	B	RR DRY LOT CTRL
1229	14	WH	P1	SPLICE 13	A	---	LANDING LIGHT GRD
1229A	14	WH	SPLICE 13	---	---	---	LANDING LIGHT GRD
1229B	14	WH	SPLICE 13	---	---	---	LANDING LIGHT GRD
1229C	14	WH	SPLICE 13	SPLICE 14	---	---	LANDING LIGHT GRD
1229D	14	WH	SPLICE 14	---	---	---	LANDING LIGHT GRD
1229E	14	WH	SPLICE 14	---	---	---	LANDING LIGHT GRD
1310	14	DK GN/BK	P1	SPLICE 8	A	---	CLEARANCE/CLUSTER PWR
1310A	14	DK GN/BK	SPLICE 8	---	---	---	CLEARANCE/CLUSTER PWR
1310B	14	DK GN/BK	SPLICE 8	SPLICE 9	---	---	CLEARANCE/CLUSTER PWR
1310C	14	DK GN/BK	SPLICE 9	---	---	---	CLEARANCE/CLUSTER PWR
1310D	14	DK GN/BK	SPLICE 9	---	---	---	CLEARANCE/CLUSTER PWR
1310E	14	DK GN/BK	SPLICE 9	SPLICE 10	---	---	CLEARANCE/CLUSTER PWR
1310F	14	DK GN/BK	SPLICE 10	---	---	---	CLEARANCE/CLUSTER PWR
1310G	14	DK GN/BK	SPLICE 10	---	---	---	CLEARANCE/CLUSTER PWR
1310H	14	DK GN/BK	SPLICE 10	SPLICE 11	---	---	CLEARANCE/CLUSTER PWR
1310I	14	DK GN/BK	SPLICE 11	---	---	---	CLEARANCE/CLUSTER PWR
1310J	14	DK GN/BK	SPLICE 11	---	---	---	CLEARANCE/CLUSTER PWR
1310K	14	DK GN/BK	SPLICE 11	---	---	---	CLEARANCE/CLUSTER PWR
1310L	14	DK GN/BK	SPLICE 11	---	---	---	CLEARANCE/CLUSTER PWR
1310M	14	DK GN/BK	SPLICE 8	SPLICE 12	---	---	CLEARANCE/CLUSTER PWR
1310N	14	DK GN/BK	SPLICE 12	---	---	---	CLEARANCE/CLUSTER PWR
1310P	14	DK GN/BK	SPLICE 12 (G)	P2	---	---	CLEARANCE/CLUSTER PWR
1313A	14	YL	P1	SPLICE 1	A	---	LH DIRECTIONAL
1313B	14	YL	SPLICE 1	---	---	---	LH FRST SIDE DIRECTIONAL
1313C	14	YL	SPLICE 1	---	---	---	LH RR SIDE DIRECTIONAL
1313D	14	YL	SPLICE 1	P2	---	---	LH RR DIRECTIONAL
1315A	14	BN	P1	P2	A	B	TAIL LIGHT PWR
1315B	14	BN	P1	P2	A	B	STOP LIGHT PWR
1321	16	OR	P1	P2	A	B	END OPT LIGHTS PWR
1322D	14	LT BL	P1	P2	A	B	BAU PWR
1322J	14	LT BL	P1	P2	A	B	REAR DRY LOT CTRL
1322K	14	LT BL	P1	P2	A	B	BAU ALARM CTRL
1323A	14	DK GN	P1	SPLICE 2	A	---	RH DIRECTIONAL
1323B	14	DK GN	SPLICE 2	---	---	---	RH FRST SIDE DIRECTIONAL
1323C	14	DK GN	SPLICE 2	---	---	---	RH RR SIDE DIRECTIONAL
1323D	14	DK GN	SPLICE 2	P2	---	---	RH RR DIRECTIONAL
1329	14	GN/VH	P1	SPLICE 15	A	---	LANDING LIGHT PWR, RH
1329A	14	GN/VH	SPLICE 15	---	---	---	LANDING LIGHT FRST, RH
1329B	14	GN/VH	SPLICE 15	---	---	---	LANDING LIGHT RR, RH
1329C	14	GN/VH	P1	SPLICE 16	A	---	LANDING LIGHT PWR, LH
1329D	14	GN/VH	SPLICE 16	---	---	---	LANDING LIGHT PWR, LH
1329E	14	GN/VH	SPLICE 16	---	---	---	LANDING LIGHT PWR, LH
1433	16	RD	P1	P2	A	B	HEAT SENSOR PWR
1433A	16	RD	P1	P2	A	B	HEAT SENSOR SIGNAL
2302A	16	RD/BK	P1	SPLICE 18	A	---	ROOF HATCH POSITION SIGNAL
2302B	16	BN	P1	SPLICE 17	A	---	ROOF HATCH POWER
2302C	16	BN	SPLICE 17	---	---	---	ROOF HATCH POWER
2302D	16	RD/BK	SPLICE 18	---	---	---	ROOF HATCH POSITION SIGNAL
2302E	16	BN	SPLICE 17	---	---	---	ROOF HATCH POWER
2302G	16	RD/BK	SPLICE 18	---	---	---	ROOF HATCH POSITION SIGNAL

== LOOSE PIECE LOCATION

SEALED SPLICE 1 1313A-F   1313B-S 1313C-S   1313D-S	SEALED SPLICE 5 1203F-F   1203G-S 1203H-S   1203J-S	SEALED SPLICE 9 1310B-F   1310C-S 1310D-S   1310E-S	SEALED SPLICE 13 1229-F   1229A-S 1229B-S   1229C-S
SEALED SPLICE 2 1323A-F   1323B-S 1323C-S   1323D-S	SEALED SPLICE 6 1203L-F   1203M-S 1203N-S   1203P-S	SEALED SPLICE 10 1310F-F   1310G-S 1310H-S   1310I-S	SEALED SPLICE 14 1229D-F   1229E-S 1329-F   1329A-S 1329B-S
SEALED SPLICE 3 1203A-F   1203B-S 1203C-S   1203E-S	SEALED SPLICE 7 1203N-F   1203P-S 1203M-S	SEALED SPLICE 11 1310J-F   1310K-S 1310L-F   1310L-S	SEALED SPLICE 15 1329-F   1329A-S 1329B-S
SEALED SPLICE 4 1203C-F   1203D-S 1203E-S   1203F-S	SEALED SPLICE 8 1310-F   1310A-S 1310B-S   1310H-S	SEALED SPLICE 12 1310M-F   1310N-S 1310P-S	SEALED SPLICE 16 1329C-F   1329D-S 1329E-S
		SEALED SPLICE 17 2302B-F   2302C-S 2302E-S	
		SEALED SPLICE 18 2302A-F   2302D-S 2302G-S	



PIN	CIRCUIT	PIN	CIRCUIT
1	NONE	12	1323A-S
2	1322J-S	13	2302B-S
3	1321-S	14	1316E-S
4	BLANK	15	1229-S
5	1310-S	16	BLANK
6	1322D-S	17	1322K-S
7	1329-S	18	2302A-S
8	1329C-S	19	1203A-S
9	1315A-S	20	1433-S
10	BLANK	21	1433A-S
11	1313A-S	22	NONE

PIN	CIRCUIT
1	1322J-F
2	1321-F
3	1310-F
4	1322D-F
5	1315A-F
6	1313D-F
7	1320-F
8	1316E-F
9	1329C-F
10	1203A-F
11	1433-F
12	1433A-F

- NOTES:
- WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-SXL.
  - LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  - TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  - TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC, MUST BE FUNCTIONALLY TESTED.
  - ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
  - DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  - ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  - ALL BREAKOUTS MUST BE TAPED.
  - TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  - ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
  - WHERE LOOM IS NOT INDICATED BIND HARNESS WITH CONTINUOUS SPIRAL OF VINYL TAPE USING APPROXIMATELY 12 TURNS PER FOOT.
  - ALL CONNECTORS WILL BE LABELED WITH COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.

Legend:

- DIODE
- ⊗ SPOT TAPE
- COMPONENT NUMBER
- START OR FINISH CIRCUIT NUMBER
- ▽ SPLICE NUMBER
- ▽ TAPE
- LOOM

REVISIONS:

NO.	DATE	DESCRIPTION	BY	CHK
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APPROVED: [Signature]

DATE: 11/19/71



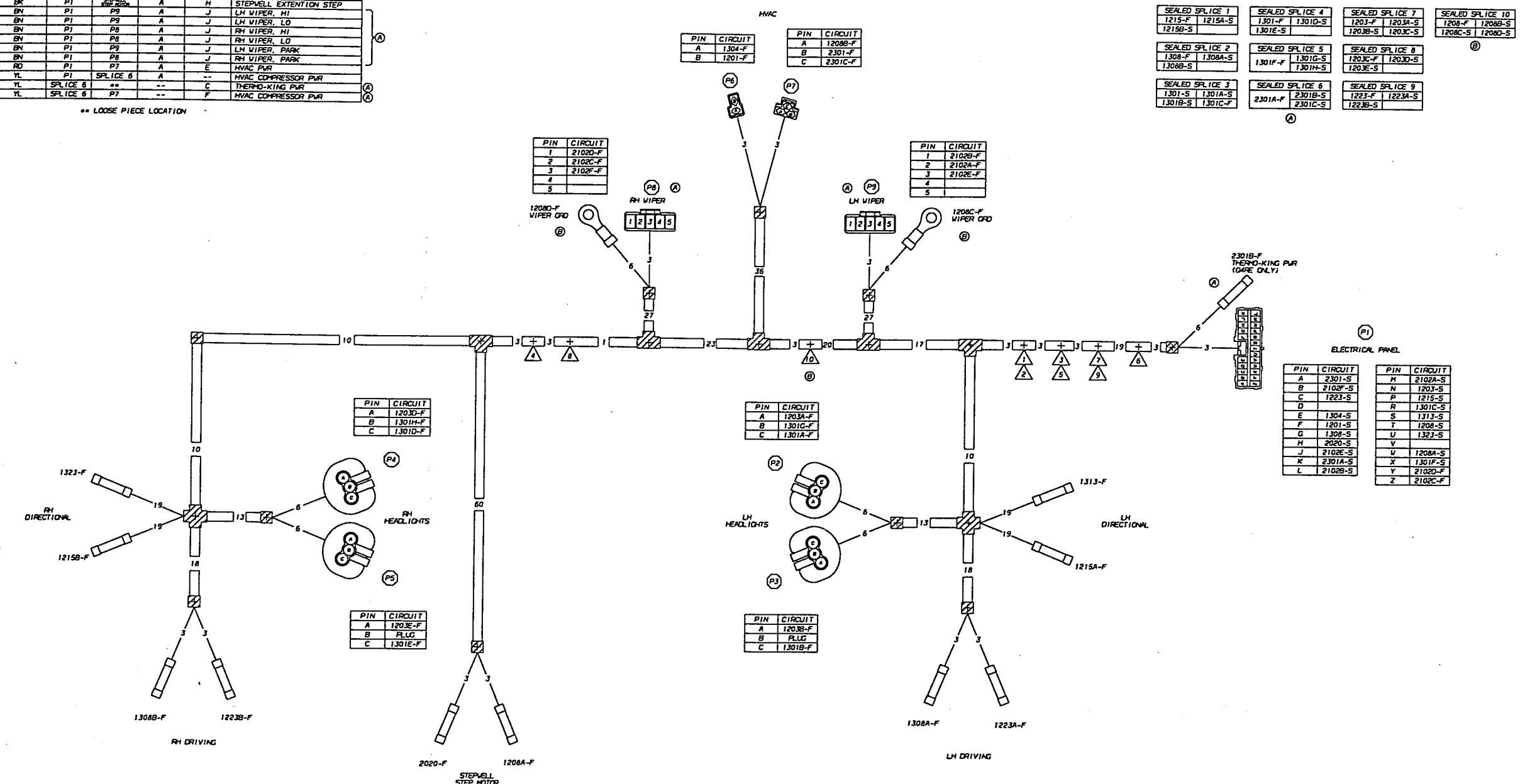
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1201	16	WH	P1	P5	A	F	HVAC ILLUMINATION GRD
1203	14	WH	P1	SPLICE 7	A	F	HEADLIGHT GRD
1203A	14	WH	P1	SPLICE 7	A	F	LH LO BEAM GRD
1203B	14	WH	P1	SPLICE 7	A	F	LH HI BEAM GRD
1203C	14	WH	P1	SPLICE 7	A	F	HEADLIGHT GRD
1203D	14	WH	P1	SPLICE 8	A	F	RH LO BEAM GRD
1203E	14	WH	P1	SPLICE 8	A	F	RH HI BEAM GRD
1208	12	WH	P1	SPLICE 10	A	F	HVAC GRD
1208A	14	WH	P1	SPLICE 10	A	F	STEPVELL EXTENSION STEP GRD
1208B	12	WH	P1	SPLICE 10	A	F	HVAC GRD
1208C	14	WH	P1	SPLICE 10	A	F	LH WIPER GRD
1208D	14	WH	P1	SPLICE 10	A	F	RH WIPER GRD
1215	14	WH	P1	SPLICE 1	A	F	DIR GRD
1215A	14	WH	P1	SPLICE 1	A	F	LH DIR GRD
1215B	14	WH	P1	SPLICE 1	A	F	RH DIR GRD
1223	14	WH	P1	SPLICE 9	A	F	DRV LGT GRD
1223A	14	WH	P1	SPLICE 9	A	F	LH DRV LGT GRD
1223B	14	WH	P1	SPLICE 9	A	F	RH DRV LGT GRD
1301	14	DK GN/BK	P1	SPLICE 3	A	F	HEADLIGHT, HI BEAM
1301A	14	DK GN/BK	P1	SPLICE 3	A	F	LH HI BEAM
1301B	14	DK GN/BK	P1	SPLICE 3	A	F	RH HI BEAM
1301C	14	DK GN/BK	P1	SPLICE 3	A	F	HEADLIGHT, HI BEAM
1301D	14	DK GN/BK	P1	SPLICE 3	A	F	LH HI BEAM
1301E	14	DK GN/BK	P1	SPLICE 3	A	F	RH HI BEAM
1301F	14	DK GN/BK	P1	SPLICE 3	A	F	HEADLIGHT, LO BEAM
1301G	14	DK GN/BK	P1	SPLICE 3	A	F	LH LO BEAM
1301H	14	DK GN/BK	P1	SPLICE 3	A	F	RH LO BEAM
1304	16	GN	P1	P6	D	F	HVAC ILLUMINATION PWR
1308	14	GN	P1	SPLICE 2	A	F	DRV LGT PWR
1308A	14	GN	P1	SPLICE 2	A	F	LH DRV LGT
1308B	14	GN	P1	SPLICE 2	A	F	RH DRV LGT
1313	14	YL	P1	LH DIR	A	C	LH DIR
1323	14	DK GN	P1	RH DIR	A	C	RH DIR
2020	12	BK	P1	SPLICE 10	A	H	STEPVELL EXTENSION STEP
2102A	14	BN	P1	P9	A	J	LH WIPER, HI
2102B	14	BN	P1	P9	A	J	LH WIPER, LO
2102C	14	BN	P1	P9	A	J	RH WIPER, HI
2102D	14	BN	P1	P9	A	J	RH WIPER, LO
2102E	14	BN	P1	P9	A	J	LH WIPER, PARK
2102F	14	BN	P1	P9	A	J	RH WIPER, PARK
2301	12	RD	P1	P7	A	E	HVAC PWR
2301A	14	YL	P1	SPLICE 6	A	F	HVAC COMPRESSOR PWR
2301B	14	YL	P1	SPLICE 6	A	F	THERMO-KING PWR
2301C	14	YL	P1	SPLICE 6	A	F	HVAC COMPRESSOR PWR

COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 23 CIR, M, 280 SERIES	1615259
	LOCK, SECONDARY, 280 SERIES	1615285
	CONNECTOR, 3 CIR, 280 SERIES, METRI-PACK	1954171
P2	LOCK, SECONDARY, 3 CIR, 280 SER, METRI-PACK	1954189
	SEAL, CONNECTOR, 3 CIR, 280 SER, METRI-PACK	1976726
P3	CONNECTOR, 3 CIR, 280 SERIES, METRI-PACK	1954171
	LOCK, SECONDARY, 3 CIR, 280 SER, METRI-PACK	1954189
	PLUG SEALING, WEATHERPACK CONN, PACKARD	1161843
P4	CONNECTOR, 3 CIR, 280 SER, METRI-PACK	1954171
	LOCK, SECONDARY, 3 CIR, 280 SER, METRI-PACK	1954189
	SEAL, CONNECTOR, 3 CIR, 280 SER, METRI-PACK	1976726
P5	CONNECTOR, 3 CIR, 280 SERIES, METRI-PACK	1954171
	LOCK, SECONDARY, 3 CIR, 280 SER, METRI-PACK	1954189
	PLUG SEALING, WEATHERPACK CONN, PACKARD	1161843
P6	CONNECTOR, 3 CIR, 280 SER, METRI-PACK	1976726
P7	CONNECTOR, 2 CIR, 56 SERIES, F, LK-TYP, R/STD	1193367
P8	CONNECTOR, TERMINAL BLOCK, 6 CIR, W/WIPER	1573765
P9	CONNECTOR, TERMINAL BLOCK, 5 CIR, W/WIPER	1573765

TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, PIN, 14-12 GA, 280 SER, PACK	1615277
C	TERMINAL, BUTT CONN, 14-16 GA, INSL	2007409
D	TERMINAL, PIN, 16-18 GA, 280 SERIES, PACK	1836477
E	TERMINAL, BLADE, 1/4, 10-12 GA, PACK	1851801
F	TERMINAL, BLADE, 1/4, 14-16 GA, PACK	1193383
G	TERMINAL, SOC, 12-14 GA, 280 SER, METRI-PACK	1461433
H	SEAL, WIRE, GRAY, CABLE DIA. 11-.137	1154582
J	TERMINAL, BUTT CONN, 10-12 GA, INSLATED	0522961
L	TERMINAL, RECEPTACLE, 250 SER, 14-18 GA, AMP	1816727
	TERMINAL, EYELET, 1/4, 14-16 GA, INSL	0765859

- NOTES:
- WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-DAL.
  - LOOM MUST BE PACKED STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  - CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  - TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  - TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY.
  - HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  - ALL SPICES SHALL BE ENVIRONMENTALLY SEALED.
  - DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  - ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  - ALL BREAKOUTS MUST BE TAPED.
  - DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPICE TO BREAKOUT, BREAKOUT TO 1/2 OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
  - RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  - ALL HARNESSES OR ASSY'S MUST NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
  - ALL CONNECTORS WILL BE LABELED WITH COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.

•• LOOSE PIECE LOCATION



DIODE	SPOT TAPE	COMPONENT NUMBER
START OR FINISH CIRCUIT NUMBER	SPLICE NUMBER	TAPE
LOOM		

ADD TYPICAL C.O. SPECS FROM...  
 ADD EXHAUST C.O. SPECS FROM...  
 BLUE BIRD CORPORATION  
 PORT WALKER, GEORGIA, U.S.A.  
 HARNESSES, WIG. FRONTS, CAP. PBT.  
 1954155



WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1101	12	RD	SPLICE 2	**	--	E	CIRC BRKR
1101A	16	BK FUSIBLE LINK	SPLICE 2	**	--	C	HOT STUD
1117	12	RD	P1	**	F	E	+12V RELAY TO CIRC BRKR
1215A	12	VH	SPLICE 1	P3	--	B	BELTLINE GRD
1215B	16	VH	SPLICE 1	P1	--	G	RELAY GRD
1216C	10	VH	**	SPLICE 1	D	--	GRD STUD
1216D	12	VH	SPLICE 1	P3	--	B	MISC GRD
1316E	16	RD	P1	P2	G	A	STOP LGT CTRL
1316H	12	RD	P1	P3	F	B	STOP LGT PWR

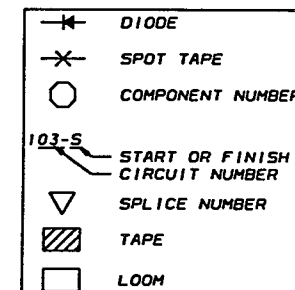
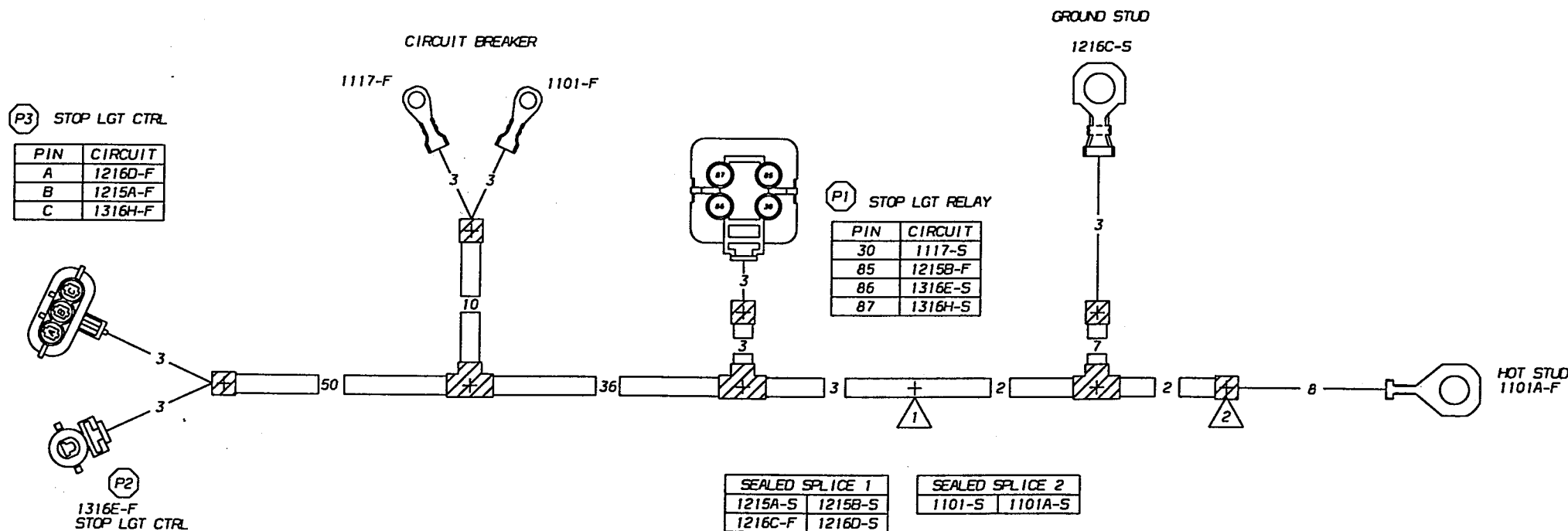
\*\* LOOSE PIECE LOCATION

VT LIST		
COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 4 CIRC. F. 280S, FLEX-LOCK, PAC	1793140
	LOCK, SECD. 6 CIRC. 280S, FLEX-LOCK	1817006
P2	CONNECTOR, 3 CIRC. F. 280S, PAC	1613603
	LOCK, SECD. 1 CIRC. 280S	1613637
P3	CONNECTOR, 3 CIRC. M. 280S, PAC	1860162
	LOCK, SECD. 3 CIRC. 280S	1860170

TERMINAL LIST		
COMP	DESCRIPTION	PART NUMBER
A	TERMINAL, SOC. 14-16 GA. 280S	1925874
	SEAL, WIRE, CBL/DIA .111-.137, GRAY	1154582
B	TERMINAL, PIN, 12-14 GA. 280S	1754357
	SEAL, WIRE, CBL/DIA .136-.169, BLUE	1113315
C	TERMINAL, EYELET, 3/8, 14-16 GA	1903210
D	TERMINAL, EYELET, 3/8, 10 GA	1861194
E	TERMINAL, EYELET, #10, 12-14 GA	1888635
F	TERMINAL, SOC. 12-14 GA. 280S, TANGLESS	1816990
	SEAL, WIRE, CBL/DIA .136-.169, BLUE	1113315
G	TERMINAL, SOC. 16-18 GA. 280S, TANGLESS	1873785
	SEAL, WIRE, CBL/DIA .111-.137, GRAY	1154582

NOTES:

1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-GXL.
2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
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5. TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
6. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
7. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
8. ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
9. ALL BREAKOUTS MUST BE TAPED.
10. DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO  $\phi$  OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
11. RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
12. ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
13. ALL CONNECTORS WILL BE LABELED WITH THE COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.



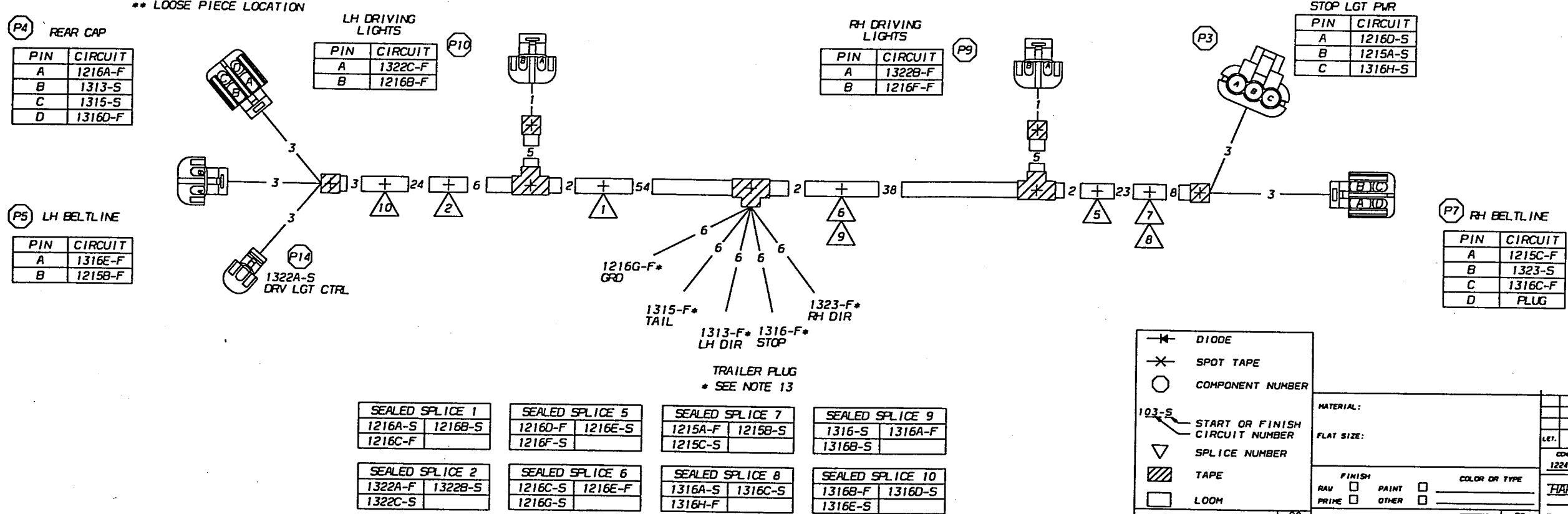
REV	BY	DATE	SCALE
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CHG TO BK FUSIBLE LINK			
REVISIONS			
LET.	WKS	DR.	APP.
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BLUE BIRD CORPORATION FORT VALLEY GEORGIA, U.S.A.			
HARNNESS, WRG, BELTLINE LIGHTS POWER, HC8			
RCD A			
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WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1215A	12	WH	P3	SPLICE 7	C	--	BELTLINE GRD
1215B	14	WH	SPLICE 7	P5	--	L	LH BELTLINE GRD
1215C	14	WH	SPLICE 7	P7	--	L	RH BELTLINE GRD
1216A	14	WH	SPLICE 1	P4	--	L	MISC GRD (CHMSL)
1216B	14	WH	SPLICE 1	P10	--	L	MISC GRD (LH DRV LGT)
1216C	14	WH	SPLICE 6	SPLICE 1	--	--	MISC GRD
1216D	14	WH	P3	SPLICE 5	C	--	MISC GRD
1216E	14	WH	SPLICE 5	SPLICE 6	--	--	MISC GRD
1216F	14	WH	SPLICE 5	P9	--	L	MISC GRD (RH DRV LGT)
1216G	14	WH	SPLICE 6	**	--	NONE	MISC GRD (TRAILER PLUG)
1313	14	YL	P4	**	L	NONE	LH DIR (TRAILER PLUG)
1315	14	BN	P4	**	L	NONE	TAIL LIGHTS (TRAILER PLUG)
1316	14	RD	SPLICE 9	**	--	NONE	STOP LIGHT (TRAILER PLUG)
1316A	12	RD	SPLICE 8	SPLICE 9	--	--	STOP LIGHT
1316B	14	RD	SPLICE 9	SPLICE 10	--	--	STOP LIGHT
1316C	14	RD	SPLICE 8	P7	--	L	RH STOP LIGHT
1316D	14	RD	SPLICE 10	P4	--	L	STOP LIGHT (CHMSL)
1316E	14	RD	SPLICE 10	P5	--	L	LH STOP LIGHT
1316H	12	RD	P3	SPLICE 8	C	--	STOP LIGHT
1322A	14	LT BL	P14	SPLICE 2	L	--	RR DRV LGTS CTRL
1322B	14	LT BL	SPLICE 2	P9	--	L	RH RR DRV LGT
1322C	14	LT BL	SPLICE 2	P10	--	L	LH RR DRV LGT
1323	14	DK GN	P7	**	L	NONE	RH DIR (TRAILER PLUG)

TERMINAL LIST		
COMP	DESCRIPTION	PART NUMBER
C	TERMINAL, SOC, 12-14 GA, 280S	1461433
	SEAL, WIRE, CBL/DIA. 136-.169, BL, W/P	1113315
L	TERMINAL, SOC, 14-16 GA, W/P	1154541
	SEAL, WIRE, CBL/DIA. 136-.169, BL, W/P	1113315

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
P3	CONNECTOR, 3 CIRC, F, 280S, PAC	1543057
	LOCK, SECD, 3 CIRC, 280S	1461474
P4	CONNECTOR, 4 CIRC, TOWER, W/P	1910231
P5	CONNECTOR, 2 CIRC, TOWER, W/P	1161868
P7	CONNECTOR, 4 CIRC, TOWER, W/P	1910231
	PLUG, SEALING, W/P	1161843
P9	CONNECTOR, 2 CIRC, TOWER, W/P	1161868
P10	CONNECTOR, 2 CIRC, TOWER, W/P	1161868
P14	CONNECTOR, 1 CIRC, TOWER, W/P	1154566

- NOTES:
1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-SXL.
  2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  4. TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  5. TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  6. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
  7. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  8. ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  9. ALL BREAKOUTS MUST BE TAPED.
  10. DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO 1/2 OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
  11. RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  12. ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
  13. STRIP .5" AND TIN FOLLOWING TRAILER PLUG CIRCUITS: 1216G-F, 1315-F, 1313-F, 1316-F, AND 1323-F.
  14. ALL CONNECTORS WILL BE LABELED WITH THE COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.



DIODE  
 SPOT TAPE  
 COMPONENT NUMBER  
 START OR FINISH CIRCUIT NUMBER  
 SPLICE NUMBER  
 TAPE  
 LOOM

MATERIAL: \_\_\_\_\_  
 FLAT SIZE: \_\_\_\_\_  
 FINISH: \_\_\_\_\_ COLOR OR TYPE: \_\_\_\_\_  
 RAW  PAINT   
 PRIME  OTHER

REFERENCE ON ALL DIMENSIONS IS, PLUS OR MINUS UNLESS OTHERWISE SPECIFIED.  
 TOLERANCE ON ALL DIMENSIONS IS, PLUS OR MINUS UNLESS OTHERWISE SPECIFIED.  
 INACTIVATES NOS. \_\_\_\_\_ DO NOT SCALE

LET. NOS.	REVISIONS	DR.	APP.	CON.
CON 12243G	BLUE BIRD CORPORATION FORT VALLEY GEORGIA, U.S.A.			
HARNES, WRG, REAR CAP, LOWER, HB4				
B4RE				
DR. 3/2/98	BY RV	SCALE		PAGE
APP. 3/18/98	BY EA	C 0010413		OF

1976661

CIRC	GA	WIRE COLOR	LOCATION		TERMINAL	FINISH	CIRCUIT DESCRIPTION
			START	FINISH			
1203	14	WH	SPlice 10	P7	--	C	CLEARANCE/10 GRD
1203B	14	WH	SPlice 10	P7	--	C	LH CLEARANCE/MARKER GRD
1203C	14	WH	SPlice 10	P7	--	C	CLEARANCE/10 GRD
1203D	14	WH	SPlice 11	P8	--	C	10 GRD
1203E	14	WH	SPlice 11	P8	--	C	10 GRD
1203F	14	WH	SPlice 11	P8	--	C	10 GRD
1203G	14	WH	SPlice 12	P8	--	C	10 GRD
1203H	14	WH	SPlice 12	P8	--	C	RH CLEARANCE/MARKER GRD
1215A	14	WH	SPlice 1	P3	--	G	MISC GRD
1215B	14	WH	SPlice 1	P3	--	L	REAR DRY LGT GRD
1215C	14	WH	SPlice 1	P3	--	L	REAR DRY LGT GRD
1215A	12	WH	SPlice 14	P10	--	G	BELTLINE GRD
1215B	12	WH	SPlice 14	P10	--	D	RH LOWER BELTLINE GRD
1215C	14	WH	SPlice 14	P10	--	D	RH LOWER BELTLINE GRD
12160	14	WH	SPlice 14	P9	--	D	RH UPPER BELTLINE GRD
1216E	14	WH	SPlice 13	P9	--	A	CENTER STOP GRD
1216F	14	WH	SPlice 13	P9	--	A	CENTER STOP GRD
1216G	14	WH	SPlice 13	P9	--	A	CENTER STOP GRD
1216H	14	WH	SPlice 13	P9	--	A	CENTER STOP GRD
1216J	14	WH	SPlice 18	P22	--	A	BELTLINE GRD
1216K	14	WH	SPlice 18	P22	--	D	LH UPPER BELTLINE GRD
1216L	14	WH	SPlice 18	P22	--	D	LH LOWER BELTLINE GRD
1216M	14	WH	SPlice 22	P22	--	E	LICENSE PLATE LGT GRD
1216N	14	WH	SPlice 22	P22	--	E	LICENSE PLATE LGT GRD
1216P	14	WH	SPlice 22	P22	--	E	LICENSE PLATE LGT GRD
1216R	14	WH	SPlice 22	P22	--	J	BACKUP ALARM GRD
1310A	14	DK GN/BK	SPlice 2	P7	--	B	ID/CLEARANCE/MARKER
1310C	14	DK GN/BK	SPlice 2	P7	--	C	LH CLEARANCE/MARKER
1310D	14	DK GN/BK	SPlice 2	P7	--	C	LH CLEARANCE/MARKER
1310E	14	DK GN/BK	SPlice 3	P4	--	C	ID
1310F	14	DK GN/BK	SPlice 3	P4	--	C	ID
1310G	14	DK GN/BK	SPlice 4	P6	--	C	ID/CLEARANCE/MARKER
1310H	14	DK GN/BK	SPlice 4	P6	--	C	ID
1310K	14	DK GN/BK	SPlice 4	P6	--	C	RH CLEARANCE/MARKER
1313	14	YL	SPlice 6	B	--	D	LH DIR
1315	14	BN	SPlice 6	B	--	D	TAIL LGTS
1315A	14	BN	SPlice 6	P20	--	D	LH TAIL LGTS
1315B	14	BN	SPlice 6	P20	--	D	RH TAIL LGTS
1315C	14	BN	SPlice 21	P21	--	D	RH TAIL LGTS
1315D	14	BN	SPlice 21	P21	--	D	RH PARK LGTS
1315E	14	BN	SPlice 20	P20	--	D	LH PARK LGTS
1315G	14	BN	SPlice 20	P20	--	D	LH PARK LGTS
1315H	14	BN	SPlice 20	P20	--	D	LH PARK LGTS
1315J	14	BN	SPlice 23	P23	--	A	LICENSE PLATE LGT
1315K	14	BN	SPlice 23	P23	--	A	LICENSE PLATE LGT
1316	14	RD	SPlice 7	P3	--	G	STOP LGT CTRL
1316A	12	RD	SPlice 7	P3	--	G	STOP LGT CTRL
1316B	14	RD	SPlice 7	P3	--	D	RH LOWER STOP LGT
1316C	14	RD	SPlice 15	P15	--	D	RH LOWER STOP LGT
1316D	14	RD	SPlice 15	P15	--	D	RH LOWER STOP LGT
1316E	14	RD	SPlice 7	P3	--	D	RH UPPER STOP LGT
1316F	14	RD	SPlice 7	P3	--	D	RH UPPER STOP LGT
1316G	14	RD	SPlice 7	P3	--	D	RH UPPER STOP LGT
1316H	14	RD	SPlice 8	P4	--	A	CENTER STOP LGT PUR
1316I	14	RD	SPlice 8	P4	--	A	CENTER STOP LGT PUR
1316J	14	RD	SPlice 8	P4	--	A	CENTER STOP LGT PUR
1316K	14	RD	SPlice 8	P4	--	A	CENTER STOP LGT PUR
1316L	14	RD	SPlice 24	P24	--	D	STOP LGT PUR
1316M	14	RD	SPlice 19	P19	--	D	LH UPPER STOP LGT
1316N	14	RD	SPlice 19	P19	--	D	LH LOWER STOP LGT
1316P	14	RD	SPlice 19	P19	--	D	LH LOWER STOP LGT
1321	16	OP	SPlice 5	B	--	B	NONE
1322	14	LT BL	SPlice 5	B	--	B	NONE
1322A	14	LT BL	SPlice 5	P25	--	D	B/U
1322B	14	LT BL	SPlice 5	P25	--	D	B/U
1322C	14	LT BL	SPlice 5	P25	--	D	B/U
1322D	14	LT BL	SPlice 5	P25	--	A	B/U ALARM
1322E	14	LT BL	SPlice 16	P16	--	L	RH DRY LGT
1322F	14	LT BL	SPlice 16	P16	--	L	LH DRY LGT
1322G	14	LT BL	SPlice 16	P16	--	D	RY DIR
1323	14	DK GN	SPlice 16	B	--	B	NONE
1433	16	RD	SPlice 5	B	--	B	NONE
1433A	16	RD	SPlice 5	P25	--	B	NONE

COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 12 CIRC, CAP. MATE-N-LOK 11, AMP	1438274
P2	CONNECTOR, 1 CIRC, N. 2805, PAC	1613637
P3	LOCK, SECT, 3 CIRC, F. 2805, PAC	1543057
P4	CONNECTOR, 2 CIRC, SHROLD, WEATHERPACK	1461474
P5	CONNECTOR, 2 CIRC, SHROLD, WEATHERPACK	1161850
P6	CONNECTOR, 2 CIRC, SHROLD, WEATHERPACK	1161850
P7	CONNECTOR, 2 CIRC, SHROLD, WEATHERPACK	1161850
P8	CONNECTOR, 2 CIRC, SHROLD, WEATHERPACK	1161850
P9	CONNECTOR, 2 CIRC, TOWER, WEATHERPACK	1161868
P10	CONNECTOR, 2 CIRC, TOWER, WEATHERPACK	1161868

BODY INTERFACE

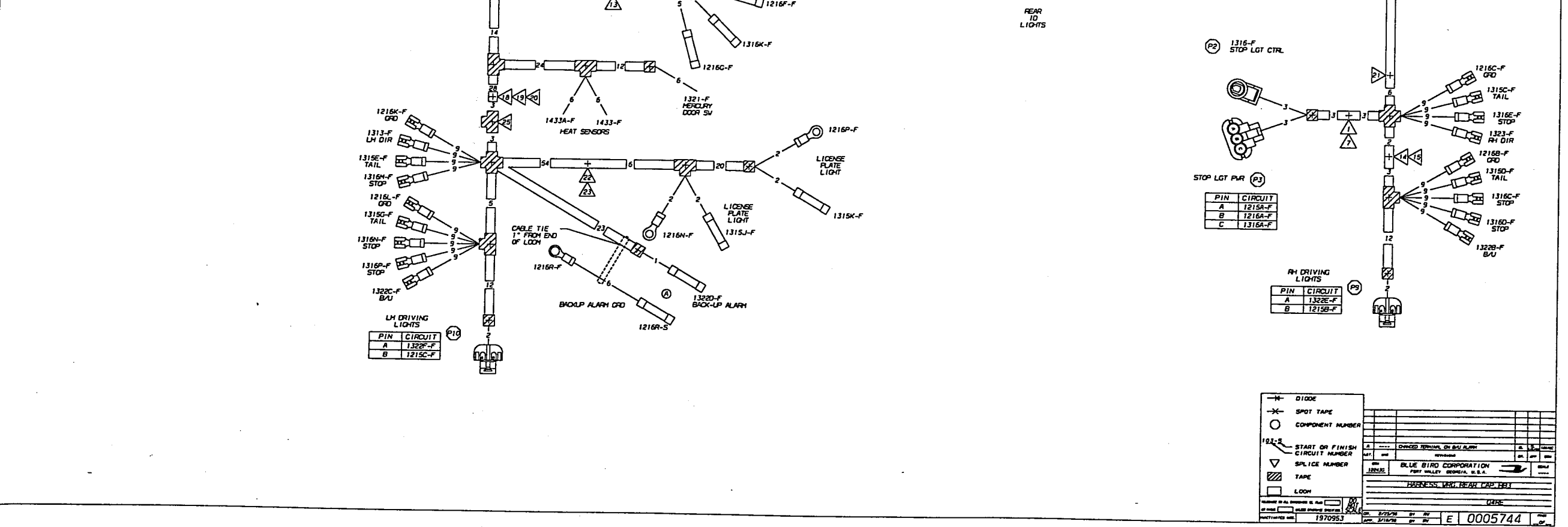
PIN	CIRCUIT
1	1322-J-S
2	1321-S
3	1310A-S
4	1322-S
5	1315-S
6	1313-S
7	1323-S
8	1316-S
9	10
10	1203-S
11	1433-S
12	1433A-S

TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, BUTT CONN, 14-16 GA, INSL	2007409
B	TERMINAL, SOC, 14-20 GA, MATE-N-LOK 11, AMP	1438332
C	TERMINAL, PIN, 14-16 GA, W/P	1113307
D	SEAL, WIRE, CBL/DIA. 136-.169, BL, W/P	1113315
E	TERMINAL, SLIDE, 1/4, 14-16 GA	2007417
F	TERMINAL, EYELET, NO. 10, 14-16 GA	2007433
G	TERMINAL, PIN, 12-14 GA, 2805	1754357
H	SEAL, WIRE, CBL/DIA. 136-.169, BL, W/P	1113315
I	TERMINAL, SOC, 12-14 GA, 2805	1461433
J	SEAL, WIRE, CBL/DIA. 136-.169, BL, W/P	1113315
K	TERMINAL, EYELET, NO. 8, 14-16 GA, INSL	0765634
L	TERMINAL, SOC, 14-16 GA, W/P	1154541
M	SEAL, WIRE, CBL/DIA. 136-.169, BL, W/P	1113315

SEAL	SEAL	SEAL	SEAL	SEAL
SEALD SPlice 1	SEALD SPlice 6	SEALD SPlice 11	SEALD SPlice 16	SEALD SPlice 22
1215A-S 1215B-S	1315-F 1315A-S	1203C-F 1203D-S	1322-J-F 1322F-S	1216M-F 1216N-S
1215C-S	1315B-S	1203E-S 1203F-S	1322E-S	1216P-S
SEALD SPlice 2	SEALD SPlice 7	SEALD SPlice 12	SEALD SPlice 18	SEALD SPlice 23
1310A-F 1310C-S	1316A-S 1316B-S	1203J-S	1216J-S 1216K-S	1319H-F 1319J-S
1310D-S	1316E-S 1316F-S	1203K-S	1216L-S 1216M-S	1319K-S
SEALD SPlice 3	SEALD SPlice 8	SEALD SPlice 13	SEALD SPlice 19	SEALD SPlice 24
1310D-F 1310E-S	1316G-F 1316H-S	1216F-S 1216G-S	1316L-F 1316M-S	1316F-F 1316L-S
1310F-S 1310G-S	1316J-S 1316K-S	1216H-S 1216I-S	1316N-S 1316P-S	1316C-S
SEALD SPlice 4	SEALD SPlice 9	SEALD SPlice 14	SEALD SPlice 20	SEALD SPlice 25
1310G-F 1310H-S	1216J-F 1216H-F	1216A-S 1216B-S	1316A-F 1316B-S	1322A-F 1322C-S
1310I-S	1216I-F	1216C-S 1216D-S	1319G-S 1319H-S	1322D-S
SEALD SPlice 5	SEALD SPlice 10	SEALD SPlice 15	SEALD SPlice 21	
1322B-S 1322A-S	1203J-F 1203B-S	1316C-F 1316D-S	1319B-F 1319C-S	
	1203C-S	1316E-F	1319D-S	

- NOTES:
- WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-SXL.
  - LOOM MUST BE PACKED STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  - CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  - TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
  - TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY.
  - HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  - DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  - ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  - ALL BREAKOUTS MUST BE TAPED.
  - DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT. SPLICE TO BREAKOUT, BREAKOUT TO E OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
  - RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  - ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.

\*\* LOOSE PIECE LOCATION



DIODE	SPOT TAPE	COMPONENT NUMBER	START OR FINISH CIRCUIT NUMBER	SPLICE NUMBER	TAPE	LOOM
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BLUE BIRD CORPORATION  
PORT HULLY, GEORGIA, U.S.A.

HARNESSES, WIRE, REAR CAP, HBS

DATE: 1970553

BY: E 0005744

CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1215D	14	WH	SPLICE 1	**	--	A	B/U GRD
1215E	14	WH	SPLICE 1	SPLICE 2	--	--	BELTLINE GRD
1215F	14	WH	SPLICE 2	**	--	A	DIR GRD
1215G	14	WH	SPLICE 2	SPLICE 3	--	--	BELTLINE GRD
1215H	14	WH	SPLICE 3	**	--	A	STOP/TAIL GRD (LOWER)
1215J	14	WH	SPLICE 3	**	--	A	STOP/TAIL GRD (UPPER)
1215K	14	WH	P5	SPLICE 1	K	--	BELTLINE GRD
1313	14	YL	P6	**	K	A	LH DIR
1315P	14	BN	P6	SPLICE 4	K	--	TAIL LIGHT
1315M	14	BN	SPLICE 4	**	--	A	TAIL LIGHT (UPPER)
1315N	14	BN	SPLICE 4	**	--	A	TAIL LIGHT (LOWER)
1316N	14	RD	P5	SPLICE 5	K	--	STOP LIGHT
1316T	14	RD	SPLICE 5	**	--	A	STOP LIGHT (UPPER)
1316U	14	RD	SPLICE 5	**	--	A	STOP LIGHT (LOWER)
1322F	14	LT BL	P6	**	K	A	BACK UP LIGHT

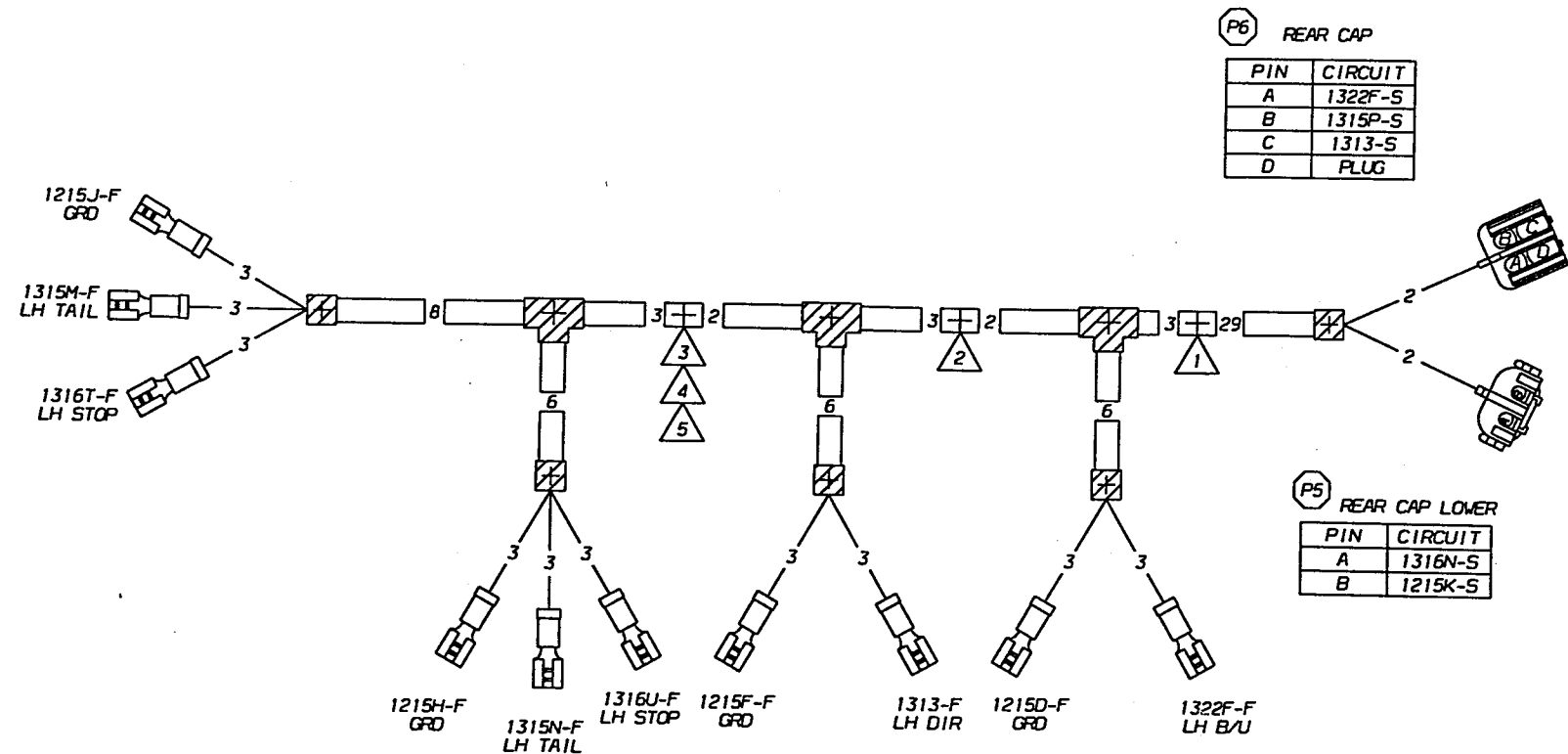
\*\* LOOSE PIECE LOCATION

TERMINAL LIST		
COMP	DESCRIPTION	PART NUMBER
A	TERMINAL, SLIDE, 1/4, 14-16 GA., INSL	2007417
K	TERMINAL, PIN, 14-16 GA, W/P	1113307
	SEAL, WIRE, CBL/DIA. 136-- 169, BL, W/P	1113315

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
P5	CONNECTOR, 2 CIRC, SHROUD, W/P	1161850
P6	CONNECTOR, 4 CIRC, SHROUD, W/P	1897982
	PLUG, SEALING, W/P	1161843

NOTES:

1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-SXL.
2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
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5. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
6. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
7. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
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13. ALL CONNECTORS WILL BE LABELED WITH COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.



P6 REAR CAP

PIN	CIRCUIT
A	1322F-S
B	1315P-S
C	1313-S
D	PLUG

P5 REAR CAP LOWER

PIN	CIRCUIT
A	1316N-S
B	1215K-S

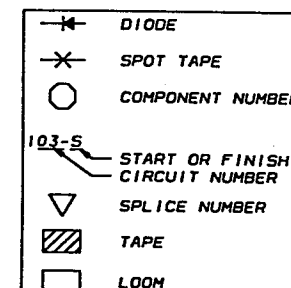
SEALED SPLICE 1		SEALED SPLICE 4	
1215K-F	1215D-S	1315P-F	1315N-S
1215E-S		1315M-S	

SEALED SPLICE 2		SEALED SPLICE 5	
1215E-F	1215F-S	1316N-F	1316U-S
1215G-S		1316T-S	

SEALED SPLICE 3	
1215G-F	1215H-S
1215J-S	



LET.	WKS	REVISIONS	DR.	APP.	CHK
CON	12243G	BLUE BIRD CORPORATION			
		FORT VALLEY, GEORGIA, U.S.A.			
HARNNESS, WRG, LIGHTS, LH RR, HB5					
SCALE					
DATE					
BY					
APP.					
197687					
3/5/98					
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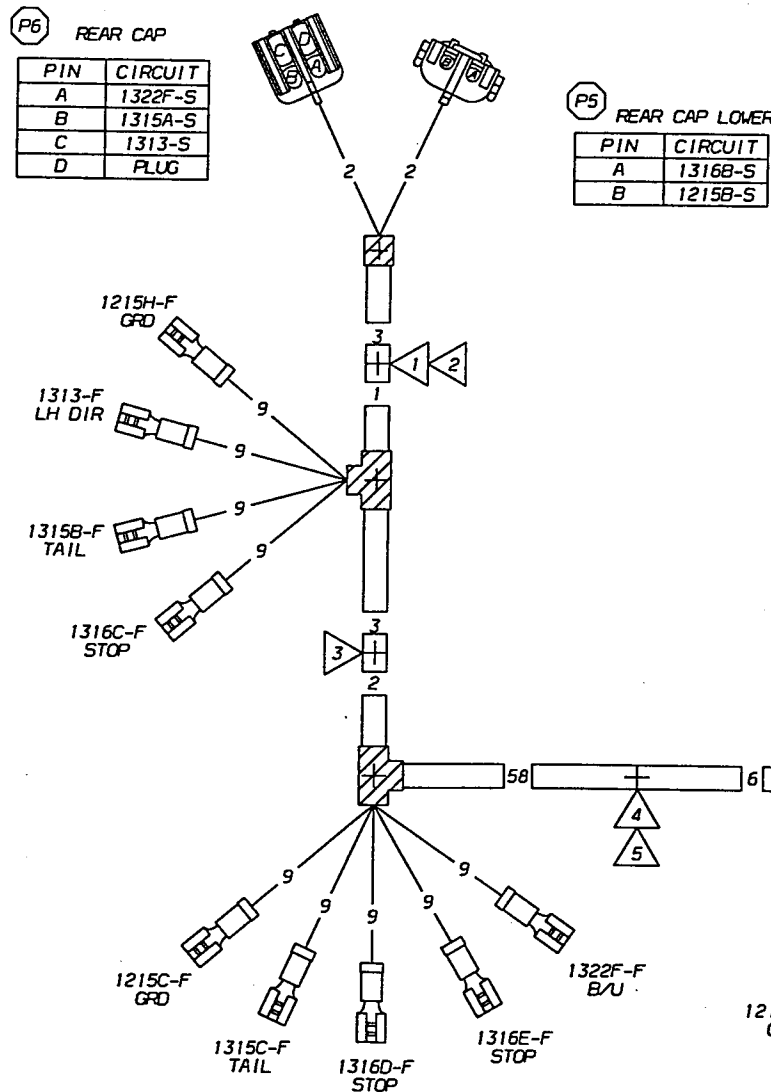
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1215B	14	WH	P5	SPLICE 3	K	--	BELTLINE GRD
1215C	14	WH	SPLICE 3	**	--	A	BELTLINE GRD
1215D	14	WH	SPLICE 3	SPLICE 4	--	--	LICENSE PLATE GRD
1215E	14	WH	SPLICE 4	**	--	B	LICENSE PLATE GRD
1215G	14	WH	SPLICE 4	**	--	B	LICENSE PLATE GRD
1215H	14	WH	SPLICE 3	**	--	A	BELTLINE GRD
1313	14	YL	P6	**	K	A	LH DIR
1315A	14	BN	P6	SPLICE 2	K	--	TAIL LGT
1315B	14	BN	SPLICE 2	**	--	A	TAIL LGT
1315C	14	BN	SPLICE 2	**	--	A	TAIL LGT
1315D	14	BN	SPLICE 2	SPLICE 5	--	--	LICENSE PLATE LGT
1315E	14	BN	SPLICE 5	**	--	C	LICENSE PLATE LGT
1315G	14	BN	SPLICE 5	**	--	C	LICENSE PLATE LGT
1316B	14	RD	P5	SPLICE 1	K	--	STOP LGT
1316C	14	RD	SPLICE 1	**	--	A	STOP LGT
1316D	14	RD	SPLICE 1	**	--	A	STOP LGT
1316E	14	RD	SPLICE 1	**	--	A	STOP LGT
1322F	14	LT BL	P6	**	K	A	BACK UP LGT

\*\* LOOSE PIECE LOCATION

IST		
COMP	DESCRIPTION	PART NUMBER
A	TERMINAL, SLIDE, 1/4, 14-16 GA., INSL	2007417
B	TERMINAL, EYELET, NO. 10, 14-16 GA	2007433
C	TERMINAL, BUTT CONN, 14-16 GA, INSL	2007409
K	TERMINAL, PIN, 14-16 GA, W/P	1113307
	SEAL, WIRE, CBL/DIA. 136-. 169, BL, W/P	1113315

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
P5	CONNECTOR, 2 CIRC, SHROUD, W/P	1161850
P6	CONNECTOR, 4 CIRC, SHROUD, W/P	1897982
	PLUG, SEALING, W/P	1161843

- NOTES:
1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-SXL.
  2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
  3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
  4. TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS. TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY.
  5. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
  6. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
  7. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
  8. ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
  9. ALL BREAKOUTS MUST BE TAPED.
  10. DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO  $\phi$  OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
  11. RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
  12. ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.
  13. ALL CONNECTORS WILL BE LABELED WITH COMPONENT NUMBER ON THE CONNECTOR BODY IN CONTRASTING COLOR.



P6 REAR CAP	
PIN	CIRCUIT
A	1322F-S
B	1315A-S
C	1313-S
D	PLUG

P5 REAR CAP LOWER	
PIN	CIRCUIT
A	1316B-S
B	1215B-S

- SEALED SPLICE 1  
1316B-F 1316C-S  
1316D-S 1316E-S
- SEALED SPLICE 2  
1315A-F 1315B-S  
1315C-S 1315D-S
- SEALED SPLICE 3  
1215B-F 1215C-S  
1215D-S 1215H-S
- SEALED SPLICE 4  
1215D-F 1215E-S  
1215G-S
- SEALED SPLICE 5  
1315D-F 1315E-S  
1315G-S

Legend for symbols:

- DIODE
- SPOT TAPE
- COMPONENT NUMBER
- 103-S START OR FINISH CIRCUIT NUMBER
- SPLICE NUMBER
- TAPE
- LOOM

TOLERANCE ON ALL DIMENSIONS IS .015 UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE

INACTIVATES NOS. 1922251

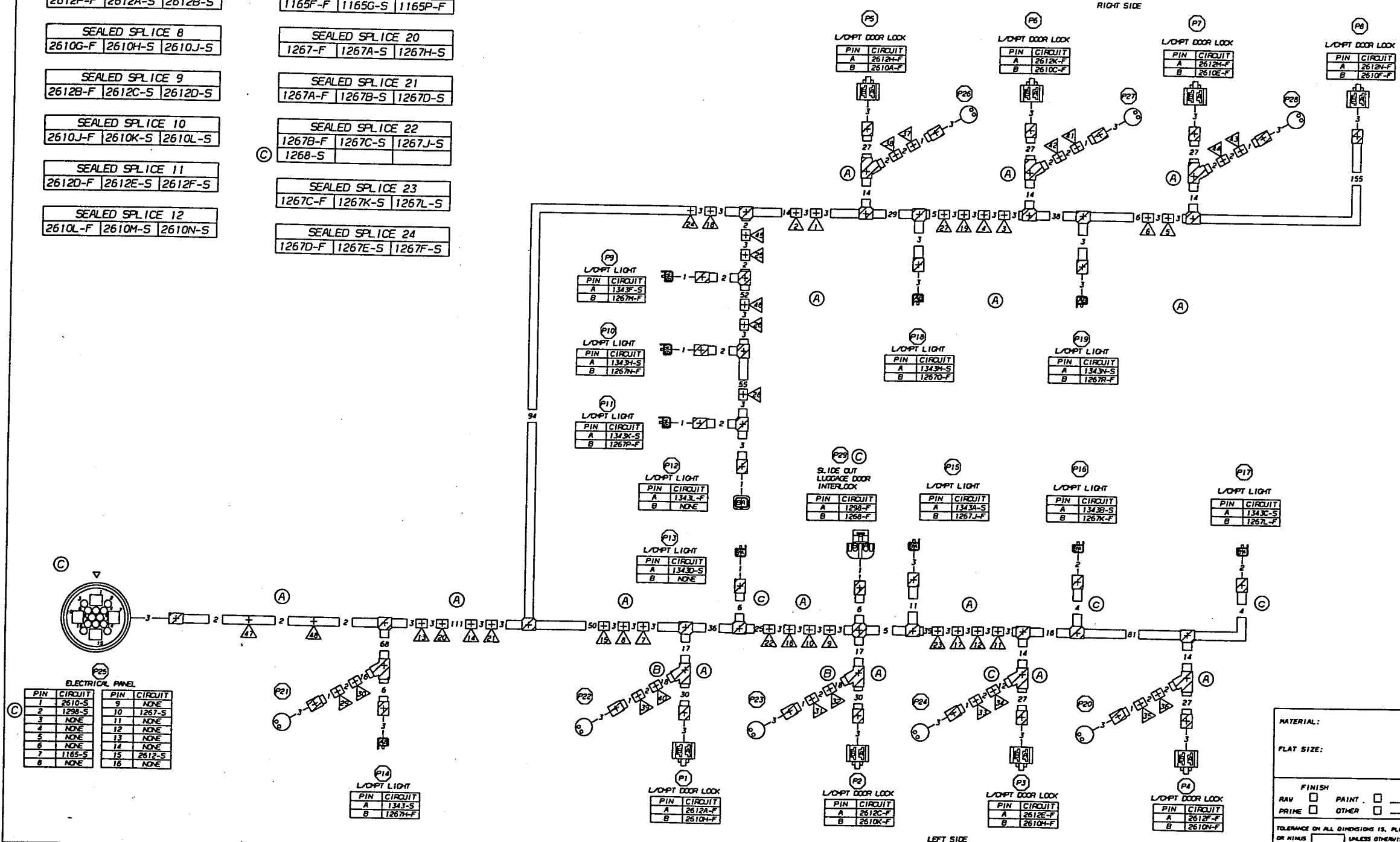
LET.	WAS	REVISIONS	DR.	APP.	CDV
CDN	12243G	BLUE BIRD CORPORATION	SCALE		
FORT VALLEY GEORGIA, U.S.A.					
HARNESS, WIRING, LIGHTS, LH RR, HB5					
BARE					
DR.	3/5/98	BY	RV	D	0010488
APP.	3/18/98	BY	RV		

r.j.vette | FRAME 1 | NOVEMBER 9, 1998 | 10.46.17

10007330 AIRCRESS, WIG, LOCKS & LIGHTS, L7LMP1, HB19 W4RE12315R\$01RVAV

SEALED SPLICE 1		
2612G-F	2612H-S	2612J-S
SEALED SPLICE 2		
2610P-F	2610A-S	2610B-S
SEALED SPLICE 3		
2612J-F	2612K-S	2612L-S
SEALED SPLICE 4		
2610B-F	2610C-S	2610D-S
SEALED SPLICE 5		
2612L-F	2612M-S	2612N-S
SEALED SPLICE 6		
2610D-F	2610E-S	2610F-S
SEALED SPLICE 7		
2612P-F	2612A-S	2612B-S
SEALED SPLICE 8		
2610G-F	2610H-S	2610J-S
SEALED SPLICE 9		
2612B-F	2612C-S	2612D-S
SEALED SPLICE 10		
2610J-F	2610K-S	2610L-S
SEALED SPLICE 11		
2612D-F	2612E-S	2612F-S
SEALED SPLICE 12		
2610L-F	2610M-S	2610N-S
SEALED SPLICE 13		
1165-F	1165A-S	1165H-F
SEALED SPLICE 14		
1165A-F	1165B-S	1165E-S
SEALED SPLICE 15		
1165B-F	1165C-S	1165N-S
SEALED SPLICE 16		
1165C-F	1165D-S	1165J-F
SEALED SPLICE 17		
1165D-F	1165K-F	1165L-S
SEALED SPLICE 18		
1165E-F	1165F-S	1165M-F
SEALED SPLICE 19		
1165F-F	1165G-S	1165P-F
SEALED SPLICE 20		
1267-F	1267A-S	1267H-S
SEALED SPLICE 21		
1267A-F	1267B-S	1267D-S
SEALED SPLICE 22		
1267B-F	1267C-S	1267J-S
1268-S		
SEALED SPLICE 23		
1267C-F	1267K-S	1267L-S
SEALED SPLICE 24		
1267D-F	1267E-S	1267F-S

SEALED SPLICE 25		
1267F-F	1267G-S	1267M-S
SEALED SPLICE 26		
1267G-F	1267N-S	1267P-S
SEALED SPLICE 27		
1267E-F	1267O-S	1267R-S
SEALED SPLICE 28		
1343J-F	1343K-F	1343L-S
SEALED SPLICE 29		
1165H-S	P21	
SEALED SPLICE 30		
1343-F	P21	
SEALED SPLICE 31		
1165J-S	P23	
SEALED SPLICE 32		
1343A-F	P23	
SEALED SPLICE 33		
1165K-S	P24	
SEALED SPLICE 34		
1343B-F	P24	
SEALED SPLICE 35		
1165L-F	P20	
SEALED SPLICE 36		
1343C-F	P20	
SEALED SPLICE 37		
1165M-S	P26	
SEALED SPLICE 38		
1343E-F	P26	
SEALED SPLICE 39		
1165N-F	P22	
SEALED SPLICE 40		
1343D-F	P22	
SEALED SPLICE 41		
1165P-S	P27	
SEALED SPLICE 42		
1343M-F	P27	
SEALED SPLICE 43		
1165G-F	P28	
SEALED SPLICE 44		
1343N-F	P28	
SEALED SPLICE 45		
1343E-S	1343F-F	1343G-S
SEALED SPLICE 46		
1343G-F	1343H-F	1343J-S
SEALED SPLICE 47		
2612-F	2612G-S	2612P-S
SEALED SPLICE 48		
2610-F	2610G-S	2610P-S



**ELECTRICAL PANEL**

PIN	CIRCUIT	PIN	CIRCUIT
1	2610-S	9	NONE
2	1268-S	10	1267-S
3	NONE	11	NONE
4	NONE	12	NONE
5	NONE	13	NONE
6	NONE	14	NONE
7	1165-S	15	2612-S
8	NONE	16	NONE

**MATERIAL:**

**FLAT SIZE:**

**FINISH:** PAINT  COLOR OR TYPE

**PRIME:** OTHER

TOLEANCE ON ALL DIMENSIONS IS, PLUS  DO NOT SCALE UNLESS OTHERWISE SPECIFIED.

INACTIVATES NOS.

C	---	ADD P29, CIRC 1268, 1298; CHG P25	RV	RV	123139
-	---	ADD LENGTH TO P13, P16, P17, P24	---	---	---
B	2"	CHG TO 18" AT BREAKOUTS P22 AND P23	RV	RV	122431
A	---	RELOCATED ALL SPLICES AWAY FROM BREAKOUTS;	RV	RV	122431
-	---	ADD 2" AT MERC SWITCHES; SHIFT BREAKOUTS 2"	---	---	---
LET.	MAS	REVISIONS	DR.	APP.	CON.
CON	12243E	BLUE BIRD CORPORATION			SCALE NONE
		FORT VALLEY, GEORGIA, U.S.A.			
<b>HARNES, WRG, LOCKS &amp; LIGHTS, LUGGAGE COMPARTMENT</b>					
<b>HB19</b>					
TOLERANCE ON ALL DIMENSIONS IS, PLUS <input type="checkbox"/> DO NOT SCALE UNLESS OTHERWISE SPECIFIED.					
DR.	01/13/98	BY AL			PAGE 2
APP.	04/06/98	BY AL	D	1996735	1 of 2



WIRE LIST

CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1165	14	BK	P25	SPLICE 13	B	--	L/CMPT LIGHTS - POWER
1165A	14	BK	SPLICE 13	SPLICE 14	--	--	L/CMPT LIGHTS - POWER
1165B	14	BK	SPLICE 14	SPLICE 15	--	--	L/CMPT LIGHTS - POWER
1165C	14	BK	SPLICE 15	SPLICE 16	--	--	L/CMPT LIGHTS - POWER
1165D	14	BK	SPLICE 16	SPLICE 17	--	--	L/CMPT LIGHTS - POWER
1165E	14	BK	SPLICE 14	SPLICE 18	--	--	L/CMPT LIGHTS - POWER
1165F	14	BK	SPLICE 18	SPLICE 19	--	--	L/CMPT LIGHTS - POWER
1165G	18	BK	SPLICE 19	SPLICE 43	--	--	L/CMPT LIGHTS - POWER
1165H	18	BK	SPLICE 29	SPLICE 13	--	--	L/CMPT LIGHTS - POWER
1165J	18	BK	SPLICE 31	SPLICE 16	--	--	L/CMPT LIGHTS - POWER
1165K	18	BK	SPLICE 33	SPLICE 17	--	--	L/CMPT LIGHTS - POWER
1165L	18	BK	SPLICE 17	SPLICE 35	--	--	L/CMPT LIGHTS - POWER
1165M	18	BK	SPLICE 37	SPLICE 18	--	--	L/CMPT LIGHTS - POWER
1165N	18	BK	SPLICE 15	SPLICE 39	--	--	L/CMPT LIGHTS - POWER
1165P	18	BK	SPLICE 41	SPLICE 19	--	--	L/CMPT LIGHTS - POWER
1267	14	WH	P25	SPLICE 20	B	--	L/CMPT LIGHTS - GROUND
1267A	14	WH	SPLICE 20	SPLICE 21	--	--	L/CMPT LIGHTS - GROUND
1267B	14	WH	SPLICE 21	SPLICE 22	--	--	L/CMPT LIGHTS - GROUND
1267C	14	WH	SPLICE 22	SPLICE 23	--	--	L/CMPT LIGHTS - GROUND
1267D	14	WH	SPLICE 21	SPLICE 24	--	--	L/CMPT LIGHTS - GROUND
1267E	14	WH	SPLICE 24	SPLICE 27	--	--	L/CMPT LIGHTS - GROUND
1267F	14	WH	SPLICE 24	SPLICE 25	--	--	L/CMPT LIGHTS - GROUND
1267G	14	WH	SPLICE 25	SPLICE 26	--	--	L/CMPT LIGHTS - GROUND
1267H	18	WH	SPLICE 20	P14	--	C	L/CMPT LIGHTS - GROUND
1267J	18	WH	SPLICE 22	P15	--	C	L/CMPT LIGHTS - GROUND
1267K	18	WH	SPLICE 23	P16	--	C	L/CMPT LIGHTS - GROUND
1267L	18	WH	SPLICE 23	P17	--	C	L/CMPT LIGHTS - GROUND
1267M	18	WH	SPLICE 25	P9	--	C	L/CMPT LIGHTS - GROUND
1267N	18	WH	SPLICE 26	P10	--	C	L/CMPT LIGHTS - GROUND
1267P	18	WH	SPLICE 26	P11	--	C	L/CMPT LIGHTS - GROUND
1267Q	18	WH	SPLICE 27	P18	--	C	L/CMPT LIGHTS - GROUND
1267R	18	WH	SPLICE 27	P19	--	C	L/CMPT LIGHTS - GROUND
1268	18	WH	SPLICE 22	P29	--	E	DOOR INTERLOCK GROUND
1298	18	WH/GN	P25	P29	F	E	DOOR INTERLOCK
1343	18	DK GN	P14	SPLICE 30	C	--	L/CMPT LIGHTS
1343A	18	DK GN	P15	SPLICE 32	C	--	L/CMPT LIGHTS
1343B	18	DK GN	P16	SPLICE 34	C	--	L/CMPT LIGHTS
1343C	18	DK GN	P17	SPLICE 36	C	--	L/CMPT LIGHTS
1343D	18	DK GN	P13	SPLICE 40	C	--	L/CMPT LIGHTS
1343E	18	DK GN	SPLICE 45	SPLICE 38	--	--	L/CMPT LIGHTS
1343F	18	DK GN	P9	SPLICE 45	C	--	L/CMPT LIGHTS
1343G	18	DK GN	SPLICE 45	SPLICE 46	--	--	L/CMPT LIGHTS
1343H	18	DK GN	P10	SPLICE 46	C	--	L/CMPT LIGHTS
1343J	18	DK GN	SPLICE 46	SPLICE 28	--	--	L/CMPT LIGHTS
1343K	18	DK GN	P11	SPLICE 28	C	--	L/CMPT LIGHTS
1343L	18	DK GN	SPLICE 28	P12	--	D	L/CMPT LIGHTS
1343M	18	DK GN	P18	SPLICE 42	C	--	L/CMPT LIGHTS
1343N	18	DK GN	P19	SPLICE 44	C	--	L/CMPT LIGHTS
2610	12	GY	P25	SPLICE 48	B	--	L/CMPT DOOR LOCKS - LOCK
2610A	18	GY	SPLICE 2	P5	--	A	L/CMPT DOOR LOCKS - LOCK
2610B	12	GY	SPLICE 2	SPLICE 4	--	--	L/CMPT DOOR LOCKS - LOCK
2610C	18	GY	SPLICE 4	P6	--	A	L/CMPT DOOR LOCKS - LOCK
2610D	12	GY	SPLICE 4	SPLICE 6	--	--	L/CMPT DOOR LOCKS - LOCK
2610E	18	GY	SPLICE 6	P7	--	A	L/CMPT DOOR LOCKS - LOCK
2610F	18	GY	SPLICE 6	P8	--	A	L/CMPT DOOR LOCKS - LOCK
2610G	12	GY	SPLICE 48	SPLICE 8	--	--	L/CMPT DOOR LOCKS - LOCK
2610H	18	GY	SPLICE 8	P1	--	A	L/CMPT DOOR LOCKS - LOCK
2610J	12	GY	SPLICE 8	SPLICE 10	--	--	L/CMPT DOOR LOCKS - LOCK
2610K	18	GY	SPLICE 10	P2	--	A	L/CMPT DOOR LOCKS - LOCK
2610L	12	GY	SPLICE 10	SPLICE 12	--	--	L/CMPT DOOR LOCKS - LOCK
2610M	18	GY	SPLICE 12	P3	--	A	L/CMPT DOOR LOCKS - LOCK
2610N	18	GY	SPLICE 12	P4	--	A	L/CMPT DOOR LOCKS - LOCK
2610P	12	GY	SPLICE 48	SPLICE 2	--	--	L/CMPT DOOR LOCKS - LOCK
2612	12	FU	P25	SPLICE 47	B	--	L/CMPT DOOR LOCKS - UNLOCK
2612A	18	FU	SPLICE 7	P1	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612B	12	FU	SPLICE 7	SPLICE 9	--	--	L/CMPT DOOR LOCKS - UNLOCK
2612C	18	FU	SPLICE 9	P2	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612D	12	FU	SPLICE 9	SPLICE 11	--	--	L/CMPT DOOR LOCKS - UNLOCK
2612E	18	FU	SPLICE 11	P3	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612F	18	FU	SPLICE 11	P4	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612G	12	FU	SPLICE 47	SPLICE 1	--	--	L/CMPT DOOR LOCKS - UNLOCK
2612H	18	FU	SPLICE 1	P5	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612J	12	FU	SPLICE 1	SPLICE 3	--	--	L/CMPT DOOR LOCKS - UNLOCK
2612K	18	FU	SPLICE 3	P6	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612L	12	FU	SPLICE 3	SPLICE 5	--	--	L/CMPT DOOR LOCKS - UNLOCK
2612M	18	FU	SPLICE 5	P7	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612N	18	FU	SPLICE 5	P8	--	A	L/CMPT DOOR LOCKS - UNLOCK
2612P	12	FU	SPLICE 47	SPLICE 7	--	--	L/CMPT DOOR LOCKS - UNLOCK

TERMINAL LIST

TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, FEMALE, 18-20 GA, SERIES 1, PACKARD	1996636
B	TERMINAL, PIN, 12-16 GA, CPC, SERIES 3, AMP	1077502
C	TERMINAL, SOC, 16-18 GA, 150 SERIES, M/P	1526318
D	TERMINAL, BLADE, 16-18 GA, 150 SERIES, M/P	1816321
E	TERMINAL, SOCKET, 18-20 GA, W/P	1605724
F	SEAL, WIRE, CBL/DIA. 080-.112, GN	1613108
	TERMINAL, PIN, 14-18 GA, AMP	1077486

NOTES:

1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-GXL.
2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
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6. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
7. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
8. ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
9. ALL BREAKOUTS MUST BE TAPED.
10. DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO END OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
11. RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
12. ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.

COMPONENT LIST

COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P2	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P3	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P4	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P5	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P6	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P7	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P8	CONNECTOR, 2 CIRC, F, PACK-CON, PACKARD	1996693
P9	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P10	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P11	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P12	CONNECTOR, 2 CIRC, M, 150 SERIES, M/P	1952332
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1952365
P13	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P14	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P15	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P16	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P17	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P18	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P19	CONNECTOR, 2 CIRC, F, 150 SERIES, M/P	1952324
	LOCK, SECONDARY, 2 CIRC, 150 SERIES, M/P	1837681
P20	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P21	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P22	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P23	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P24	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P25	CONNECTOR, 16 CIRC, CAP, CPC, SERIES 4, AMP	1971050
	CLAMP, STRAIN RELIEF, W/O SEAL, CPC, AMP	2264349
P26	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P27	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P28	SWITCH, MERCURY, METAL CASE, INSL, TS5-12	3928017
P29	CONNECTOR, 2 CIRC, TOWER, W/P	1161868

DIODE  
SPOT TAPE  
COMPONENT NUMBER  
103-S  
START OR FINISH CIRCUIT NUMBER  
SPLICE NUMBER  
TAPE  
LOOM

TOLERANCE ON ALL DIMENSIONS IS .015 UNLESS OTHERWISE SPECIFIED.  
DO NOT SCALE  
INACTIVATES NOS.

C	---	ADD P29, CIRC 1268, 1298, TERM E, F; O/G P25	BY	AL	12/15/98
B	---	SEE SHEET 1	BY	AL	12/14/98
A	---	SEE SHEET 1	BY	AL	12/14/98
LET.	WAS	REVISIONS	DR.	APP.	CDN
CON BLUE BIRD CORPORATION 12243E FORT VALLEY, GEORGIA, U.S.A.					
HARNESS, WIG, LOCKS & LIGHTS, LUGGAGE COMPARTMENT					
HB19					
SCALE NONE					
WAVE					
DR.	01/13/98	BY	AL		
APP.	04/06/98	BY	AL	D	1996735
					PAGE 2 of 2

0016071 CHARNESS, WRG, ELEC SERVICE DR, FRT CAP, HB23 Q412243J\$00ALEA

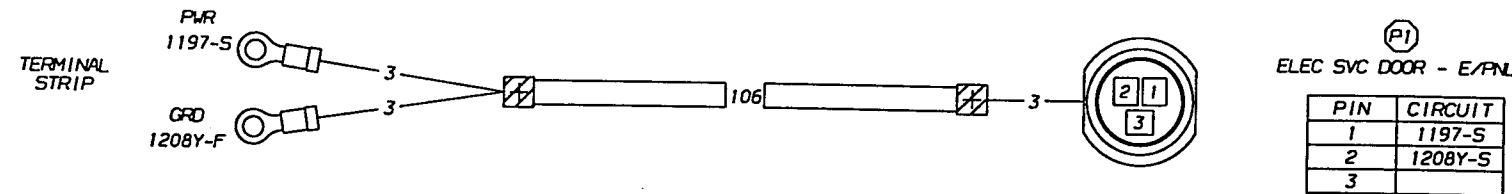
WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1197	14	BK	PI	**	A	B	ELEC SVC DOOR PWR
1208Y	14	WH	PI	**	A	B	ELEC SVC DOOR GRD

TERMINAL LIST		
TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, PIN, 12-16 GA, CPC, SERIES 3, AMP	1077502
B	TERMINAL, EYELET, NO 8, 14-16 GA, INSULATED	0765834

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
1	CONNECTOR, 3 CIRC, CAP, CPC, SERIES 3, AMP	0015941
	CLAMP, STRAIN RELIEF, S/D SEAL, CPC, AMP	0016022

NOTES:

1. WIRE INSULATION SHALL BE CHEMICALLY CROSS LINKED POLYETHYLENE PER SAE J1128-GXL.
2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
3. CIRCUIT NUMBERS SHALL BE PERMANENTLY MARKED WITH CONTRASTING COLOR NEAR THE TERMINAL ENDS OF EACH CIRCUIT AT A VISIBLE LOCATION.
4. TERMINALS AND CONNECTORS SHALL BE INSTALLED TO MEET MANUFACTURERS MINIMUM REQUIREMENTS.
5. TERMINALS AND WIRE ARE TO BE FROM APPROVED SUPPLIER ONLY.
6. HARNESSES SHALL BE 100% ELECTRICALLY TESTED WITH APPROVED TOOLING FOR CONTINUITY, DIODE POLARITY AND LACK OF SHORTS. COMPONENTS SUCH AS RELAYS, FLASHERS, ETC. MUST BE FUNCTIONALLY TESTED.
7. ALL SPLICES SHALL BE ENVIRONMENTALLY SEALED.
8. DIMENSIONS SHOWN ARE IN INCHES UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS MUST BE WITHIN .25 INCH PER FOOT NOT TO EXCEED 1 INCH.
9. ALL CONNECTORS ARE SHOWN FROM THE CABLE INSERTION END.
10. ALL BREAKOUTS MUST BE TAPED.
11. DIMENSIONS ARE FROM BREAKOUT TO BREAKOUT, SPLICE TO BREAKOUT, BREAKOUT TO C OF EYELET, OR FROM BREAKOUT TO MATING END OF TERMINAL OR CONNECTOR.
12. RING TERMINALS SHALL BE INSULATED AND ENVIRONMENTALLY SEALED USING HEAT SHRINK.
13. ALL HARNESSES OR ASSY'S MUST COMPLY WITH A SPECIFIC BLUE BIRD DRAWING, AND CAN NOT CONTAIN SOLDERED CRIMPS. SOLDERED CRIMPS ARE CONSIDERED TO BE "REPAIR CRIMPS" AND ARE NOT ACCEPTABLE FOR AN OEM PRODUCT.



	DIODE				
	SPOT TAPE				
	COMPONENT NUMBER				
	START OR FINISH CIRCUIT NUMBER				
	SPLICE NUMBER				
	TAPE				
	LOOM				

REVISED BY ALL DIMENSIONS IN INCH	DO NOT SCALE	SCALE
DR. 04/17/98	BY RL	
APP. 8/31/98	BY EA	

CON 12243J BLUE BIRD CORPORATION FORT VALLEY GEORGIA, U.S.A.

HARNES, WRG, ELEC SERVICE DOOR, FRT CAP, HB23

04

0016071

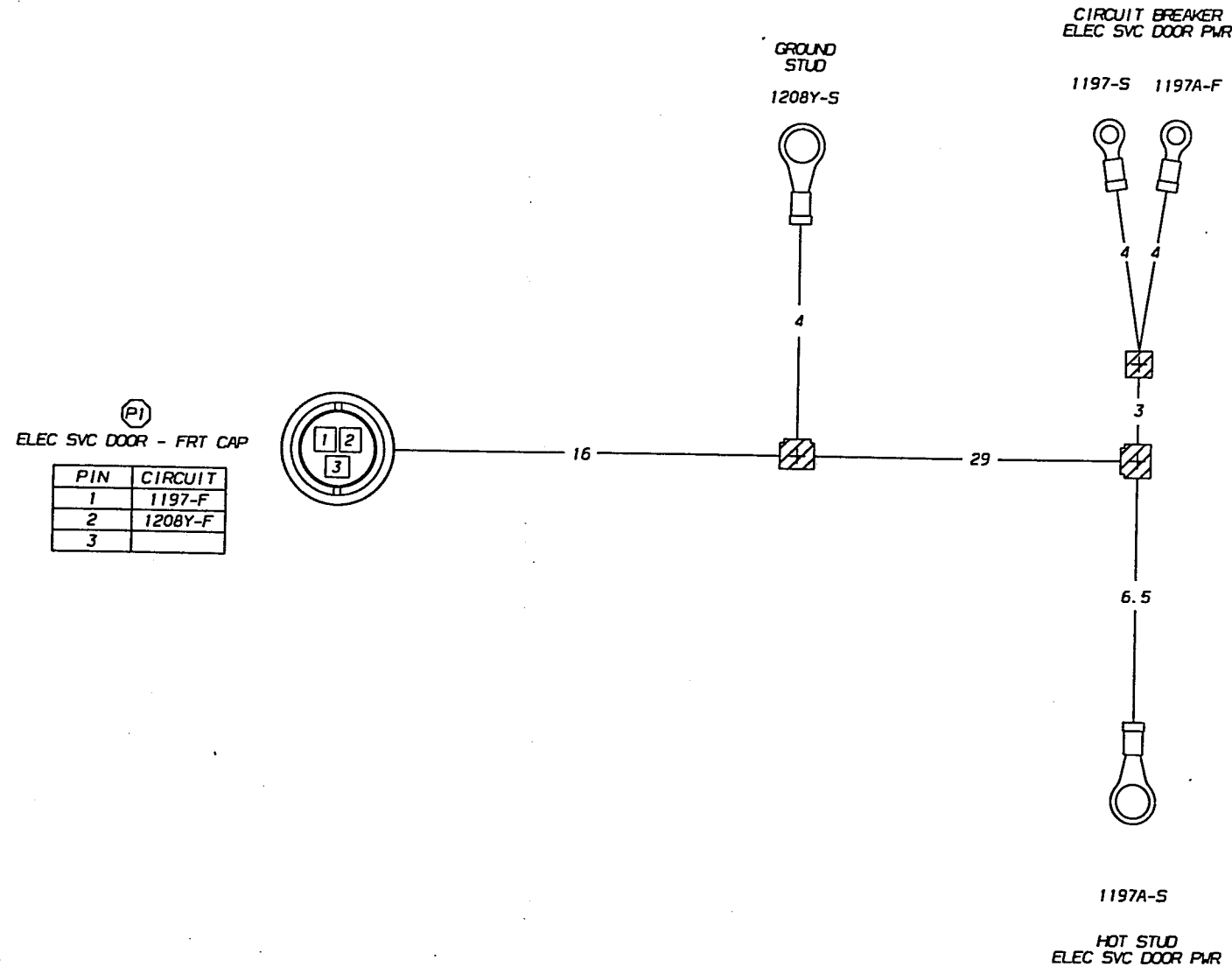
r jvettel FRAME 1 AUGUST 31, 1998 12.13.20

0016063 CHARNNESS, WRG, ELEC SERVICE DOOR, E/PNL, HB22 Q412243J\$00ALEA

WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1197	14	BK	**	PI	C	A	ELEC SVC DOOR PWR
1197A	14	BK	**	**	B	C	ELEC SVC DOOR PWR
1208Y	14	WH	**	PI	B	A	ELEC SVC DOOR GRD

TERMINAL LIST		
TERM	DESCRIPTION	PART NUMBER
A	TERMINAL, SOC, 12-16 GA, CPC, SERIES 3, AMP	1077494
B	TERMINAL, EYELET, 3/8, 14-16 GA, INSULATED	0803361
C	TERMINAL, EYELET, NO 10, 14-16 GA, INSULATED	2007433

COMPONENT LIST		
COMP	DESCRIPTION	PART NUMBER
1	CONNECTOR, 3 CIRC, PLUG, CPC, SERIES 3, AMP	1658665
	CLAMP, STRAIN RELIEF, S/O SEAL, CPC, AMP	0016022



- NOTES:
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  2. LOOM MUST BE PACKARD STANDARD POLYETHYLENE OR EQUIVALENT. LOOM MUST BE APPROPRIATELY SIZED TO COMPLETELY COVER WIRE, AND SHALL STOP ONE INCH FROM CONNECTOR UNLESS OTHERWISE SPECIFIED.
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<p>DIODE</p> <p>SPOT TAPE</p> <p>COMPONENT NUMBER</p> <p>START OR FINISH CIRCUIT NUMBER</p> <p>SPLICE NUMBER</p> <p>TAPE</p> <p>LOOM</p>	<table border="1"> <tr> <td>LET.</td> <td>WAS</td> <td>REVISIONS</td> <td>DR.</td> <td>APP.</td> <td>CDN</td> </tr> <tr> <td>12243J</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>SCALE NONE</p> <p>HARNNESS, WRG, ELEC SERVICE DOOR, E/PNL, HB22</p> <p>04</p> <p>DR. 04/17/98 BY AL</p> <p>APP. 8/31/98 BY EA</p>	LET.	WAS	REVISIONS	DR.	APP.	CDN	12243J					
LET.	WAS	REVISIONS	DR.	APP.	CDN								
12243J													

DO NOT SCALE

DR. 04/17/98 BY AL

APP. 8/31/98 BY EA

c 0016063

PAGE 84

c:\jv\101 FRAME 1 SEPTEMBER 1, 1998 07.45.09

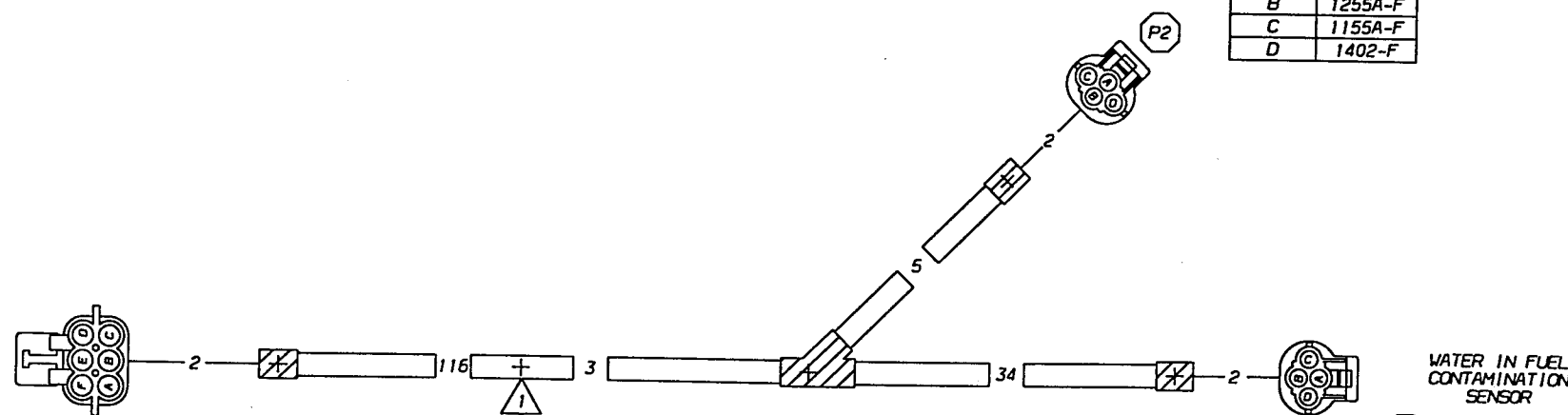
WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1155	16	BK	P18	SPLICE 1	A	--	FUEL SENSOR POWER
1155A	16	BK	SPLICE 1	P2	--	A	LOW FUEL SENSOR POWER
1155B	16	BK	SPLICE 1	P1	--	A	WATER IN FUEL SENSOR PWR
1255	16	WH	P18	SPLICE 2	A	--	FUEL SENSOR GROUND
1255A	16	WH	SPLICE 2	P2	--	A	FUEL SENSOR GROUND
1255B	16	WH	SPLICE 2	P1	--	A	FUEL SENSOR GROUND
1402	16	TN	P18	P2	A	A	LOW FUEL LAMP
1455	16	TN	P18	P1	A	A	WATER IN FUEL LAMP

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LOW FUEL SENSOR

PIN	CIRCUIT
A	PLUG
B	1255A-F
C	1155A-F
D	1402-F



PIN	CIRCUIT
A	1255-S
B	1402-S
C	PLUG
D	1455-S
E	1155-S
F	PLUG

SEALED SPLICE 1	
1155-F	1155A-S
1155B-S	

SEALED SPLICE 2	
1255-F	1255A-S
1255B-S	

PIN	CIRCUIT
A	PLUG
B	1255B-F
C	1155B-F
D	1455-F

COMPONENT LIST

COMP	DESCRIPTION	PART NUMBER
P1	CONNECTOR, 4 CIRC, F, 150 SERIES, M/P	1876671
	LOCK, SEAL, SECD, 2CIRC, 150 SERIES, M/P	1461458
	PLUG, CAVITY, 1 WAY, 150 SER, M/P + MIC/P	1793132
P2	CONNECTOR, 4 CIRC, F, 150 SERIES, M/P	1876671
	LOCK, SEAL, SECD, 2CIRC, 150 SERIES, M/P	1461458
	PLUG, CAVITY, 1 WAY, 150 SER, M/P + MIC/P	1793132
P18	CONNECTOR, 6 CIRC, F, 150 SERIES, M/P	1944966
	LOCK, SEAL, 6 CIRC, TPA, 150 SERIES, M/P	1811983
	PLUG, CAVITY, 1 WAY, 150 SER, M/P + MIC/P	1793132

TERMINAL LIST

TERM	DESCRIPTION	PART NUMBER
A	TERMINAL SOC, 16-20 GA., 150 S, M/P	1460922
	SEAL, WIRE, CBL, 080-.112, RD, 150 S, M/P	1461466

DIODE	SPOT TAPE	COMPONENT NUMBER	LET.	WRS	REVISIONS	DR.	APP.	CDN
103-S	START OR FINISH CIRCUIT NUMBER							
	SPLICE NUMBER							
	TAPE							
	LOOM							
RELEASE BY ALL DIMENSIONS IN INCH UNLESS OTHERWISE SPECIFIED		DO NOT SCALE						
INACTIVE NOS.		1954130						
DR. 9/24/98		BY RV						
APP. 10/6/98		BY RV						
SCALE NONE		HARNESS, WRC, FUEL SENSORS, HC9						
PAGE		0005727						
OF								

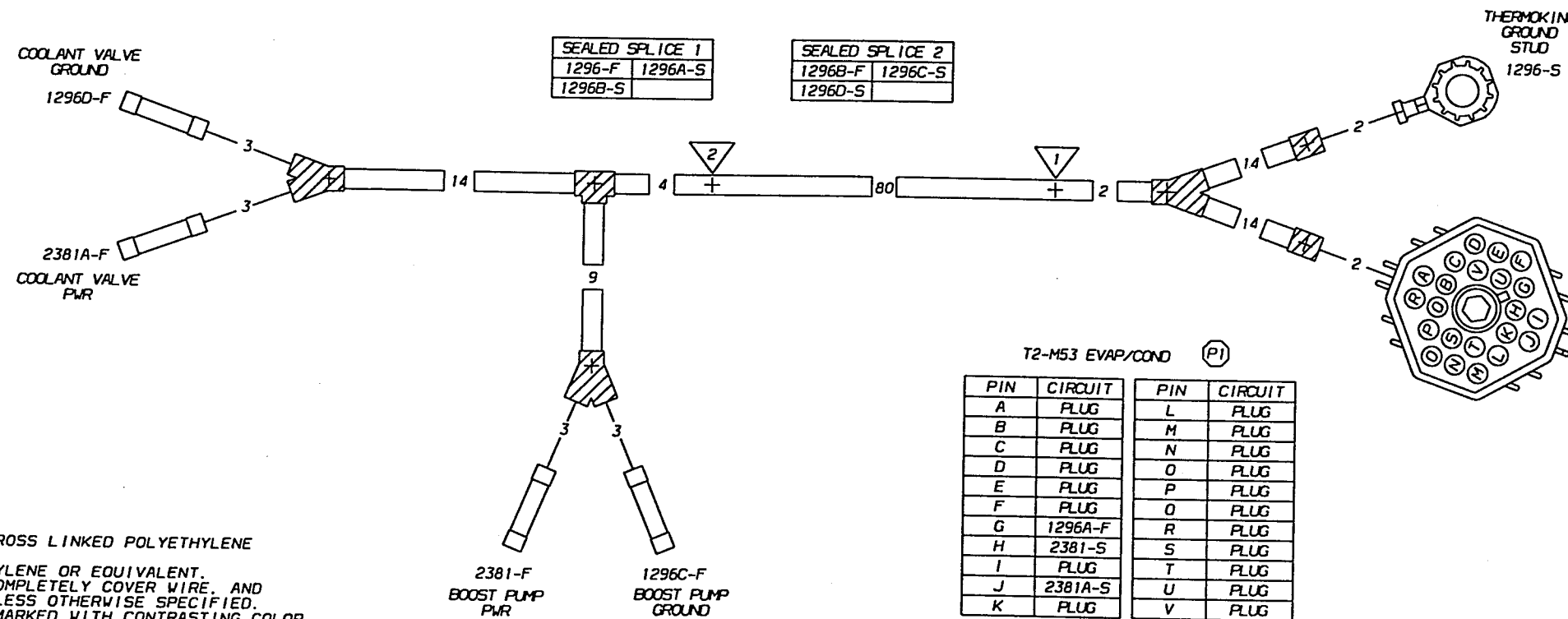
0010520 CHARNESS, WRG, BOOST PUMP, T/K, FEA 3810201 Q4RE12243H\$00RVEA

WIRE LIST							
CIRC	GA	WIRE COLOR	LOCATION		TERMINAL		CIRCUIT DESCRIPTION
			START	FINISH	START	FINISH	
1296	14	WH	**	SPLICE 1	C	--	GRD
1296A	16	WH	SPLICE 1	PI	--	A	GRD, WATER TEMP SW
1296B	14	WH	SPLICE 1	SPLICE 2	--	--	GRD
1296C	14	WH	SPLICE 2	**	--	B	GRD, BOOST PUMP
1296D	16	WH	SPLICE 2	**	--	B	GRD, COOLANT VALVE
2381	14	GY	PI	**	A	B	BOOST PUMP PWR
2381A	16	GY	PI	**	A	B	COOLANT VALVE PWR

VT LIST		
COMPONENT	COMPONENT DESCRIPTION	PART NO.
PI	CONNECTOR, 22 CIRC, M, W/P	1996701
	PLUG, SEALING, WEATHERPACK	1161843
	LOCK, TPA, 22 CIRC, W/P (2 REQ)	1996719

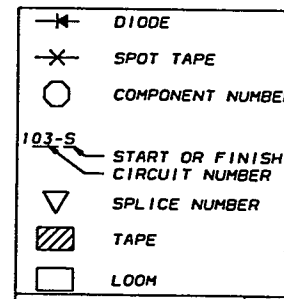
TERMINAL LIST		
TERMINAL	TERMINAL DESCRIPTION	PART NO.
A	TERMINAL, PIN, 14-16 GA, W/P	1113307
	SEAL, WIRE, CBL DIA. 111-.137, GY	1154582
B	TERMINAL, BUTT CONN, 14-16 GA	2007409
C	TERMINAL, EYELET, 3/8, 12-14 GA, W/LV	1833029

\*\* LOOSE PIECE LOCATION



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LET.	WAS	REVISIONS	DR.	APP.	CDN
122431					

COB BLUE BIRD CORPORATION SCALE NONE  
 122431 FORT VALLEY, GEORGIA, U.S.A.  
 HARNESS, WRG, BOOST PUMP, THERMOKING  
 FEA 3810201 DATE  
 DR. 3/10/98 BY RV  
 APP. 3/19/98 BY EA C 0010520 PAGE OF

10.11.47  
 1998 MARCH 19  
 1998 MARCH 19

# PACKARD WEATHERPACK CONNECTORS

1401652HHCCHART, WRG, CONNECTORS, PACKARD WEATHERPACK 12148K\$01ALDL

DETAIL	BLUE BIRD NUMBER	DESCRIPTION	APPROVED MANUFACTURER AND NO.	APPROVED TOOLING/SPECIAL INSTRUCTIONS
	1113299	CONNECTOR, 3 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12015793	MATES TO 1154574; IN-LINE CONNECTION: USE TERMINAL 1154541. PANEL CONN: USE TERMINAL 1113307. SHOWN FROM CABLE INSERTION END.  KEYED ON PINS A & C. SHOWN FROM MATING END.
	1154558	CONNECTOR, 1 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12010996	MATES TO 1154566; IN-LINE CONNECTION: USE TERMINAL 1113307. PANEL CONNECTION: USE TERMINAL 1154541.
	1154566	CONNECTOR, 1 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12015791	MATES TO 1154558; IN-LINE CONNECTION: USE TERMINAL 1154541. PANEL CONNECTION: USE TERMINAL 1113307.
	1154574	CONNECTOR, 3 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12010717	MATES TO 1113299; IN-LINE CONNECTION: USE TERMINAL 1113307. PANEL CONNECTION: USE TERMINAL 1154541.
	1154616	CONNECTOR, 6 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12010975	MATES TO 1154624; IN-LINE CONNECTION TERMINALS: 14-16 GA 1113307, 18-20 GA 1605716. PANEL CONNECTION TERMINALS: 14-16 GA 1154541, 18-20 GA 1605724.
	1154624	CONNECTOR, 6 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12015799	MATES TO 1154616; IN-LINE CONNECTION TERMINALS: 14-16 GA 1154541, 18-20 GA 1605724. PANEL CONNECTION TERMINALS: 14-16 GA 1113307, 18-20 GA 1605716.
	1161850	CONNECTOR, 2 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12010973	MATES TO 1161868; IN-LINE CONNECTION: USE TERMINAL 1113307. PANEL CONNECTION: USE TERMINAL 1154541.
	1161868	CONNECTOR, 2 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12015792	MATES TO 1161850; IN-LINE CONNECTION: USE TERMINAL 1154541. PANEL CONNECTION: USE TERMINAL 1113307.
	1461250	CONNECTOR, 4 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12015797	MATES TO 1895978; IN-LINE CONN: USE TERM. 1154541. PANEL CONN: USE TERMINAL 1113307.
	1839778	CONNECTOR, 4 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12020830	MATES TO 1844141; IN-LINE CONNECTION TERMINALS: 14-16 GA 1113307, 18-20 GA 1605716. PANEL CONNECTION TERMINALS: 14-16 GA 1154541, 18-20 GA 1605724.
	1844141	CONNECTOR, 4 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12020832	MATES TO 1839778; IN-LINE CONNECTION TERMINALS: 14-16 GA 1154541, 18-20 GA 1605724. PANEL CONNECTION TERMINALS: 14-16 GA 1113307, 18-20 GA 1605716.
	1895978	CONNECTOR, 4 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12010974	MATES TO 1461250; IN-LINE CONNECTION TERMINALS: 14-16 GA 1113307, 18-20 GA 1605716. PANEL CONNECTION TERMINALS: 14-16 GA 1154541, 18-20 GA 1605724.
	1897982	CONNECTOR, 4 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12015024	MATES TO 1910231; CONNECTION: USE TERMINAL 1113307
	1910231	CONNECTOR, 4 CIRCUIT, TOWER, WEATHERPACK, PACKARD	PACKARD 12015798	MATES TO 1897982; CONNECTION: USE TERMINAL 1154541
	1934868	CONNECTOR, 3 CIRCUIT, TOWER, RED, WEATHERPACK, PACKARD	PACKARD 12015795	CONNECTION: USE TERMINAL 1605716 SHOWN FROM CABLE INSERTION END  KEYED ON PIN C SHOWN FROM MATING END
	1940956	CONNECTOR, 3 CIRCUIT, TOWER, BK, WEATHERPACK, PACKARD	PACKARD 12020829	CONNECTION: USE TERMINAL 1605716 SHOWN FROM CABLE INSERTION END  KEYED ON PINS B & C SHOWN FROM MATING END
	1942085	CONNECTOR, 3 CIRCUIT, SHROUD, WEATHERPACK, PACKARD	PACKARD 12020827	MATES TO 1940956; IN-LINE CONNECTION: USE TERMINAL 1113307. PANEL CONNECTION: USE TERMINAL 1154541.
	1996701	CONNECTOR, 22 CIRCUIT, M, WEATHERPACK, PACKARD	PACKARD 12020005	MATES TO THERMO-KING A/C UNIT USE TYP TERMINAL 1113307. USE LOCK 1996719 (2 REQ)

INACTIVATES MOD.

NOTES:

- CONNECTOR/TERMINAL COMBINATIONS LISTED ARE PACKARD STANDARD. HOWEVER, S-FOLDS AND TOWERS ARE BOTH APPROVED TO ACCEPT EITHER PIN OR SOCKET IF NECESSARY TO MATE TO EXISTING CONNECTORS.
- DETAIL VIEWS OF ALL CONNECTORS ARE SHOWN AS VIEWED FROM THE CABLE INSERTION END.

HY	SEE SHEET 2	AL	12148K
GG	ADDED 1996701	RV	122430
FF	ADDED 1940956, 1942085 FOR CCN 12110A	RV	12148A
EE	ARRANGED IN BB ORDER	RV	12148A
DD	ADDED KEYING TO 1113299	RV	12148A
CC	SEE SHEET 2	RV	12148A
BB	ADDED 1934868	RV	12148A
AA	MOVED TERMINALS AND SEALS TO SHEET 2	RV	12148A
Z	ADDED PARTS PER CCN 12043D & E	AL	12043E
X	ADDED CONNECTOR PN 1895978	CJ	11736A
V	REPLACED 14-16 GA TERMINAL	AL	11736A
U	REPLACED SPECIAL INSTRUCTIONS	AL	11736A
T	CHANGED CABLE DIAMETER	AL	9999
S	CHANGED PN 1632336 FROM PIN TO SOCKET	CJ	9999
R	ADDED CABLE DIAMETER	AL	11249
Q	UPDATED VENDOR PART NUMBER	AL	11249
P	UPDATED VENDOR PART NUMBER	AL	11249
N	UPDATED VENDOR PART NUMBER	AL	11249
M	ADDED COMPONENTS TO CHART	AL	11249
LET.	MS	DR.	APP.
REVISIONS			
CCN	8880	BLUE BIRD CORPORATION FORT VALLEY GEORGIA, U.S.A.	
CHART, WIRING, CONNECTORS, PACKARD			
WEATHERPACK			
DR.	5-20-88	BY	ATV
APP.	7-16-88	BY	DM
c 1401652			SCALE
			1 OF 2