




XJS V12  
**1995/96 Electrical Guide**

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 **WARNING:** This publication is intended for use by professional technicians with knowledge of Jaguar vehicle systems. All necessary safety precautions must be taken when servicing or handling components and systems that have the potential for causing bodily injury or death.

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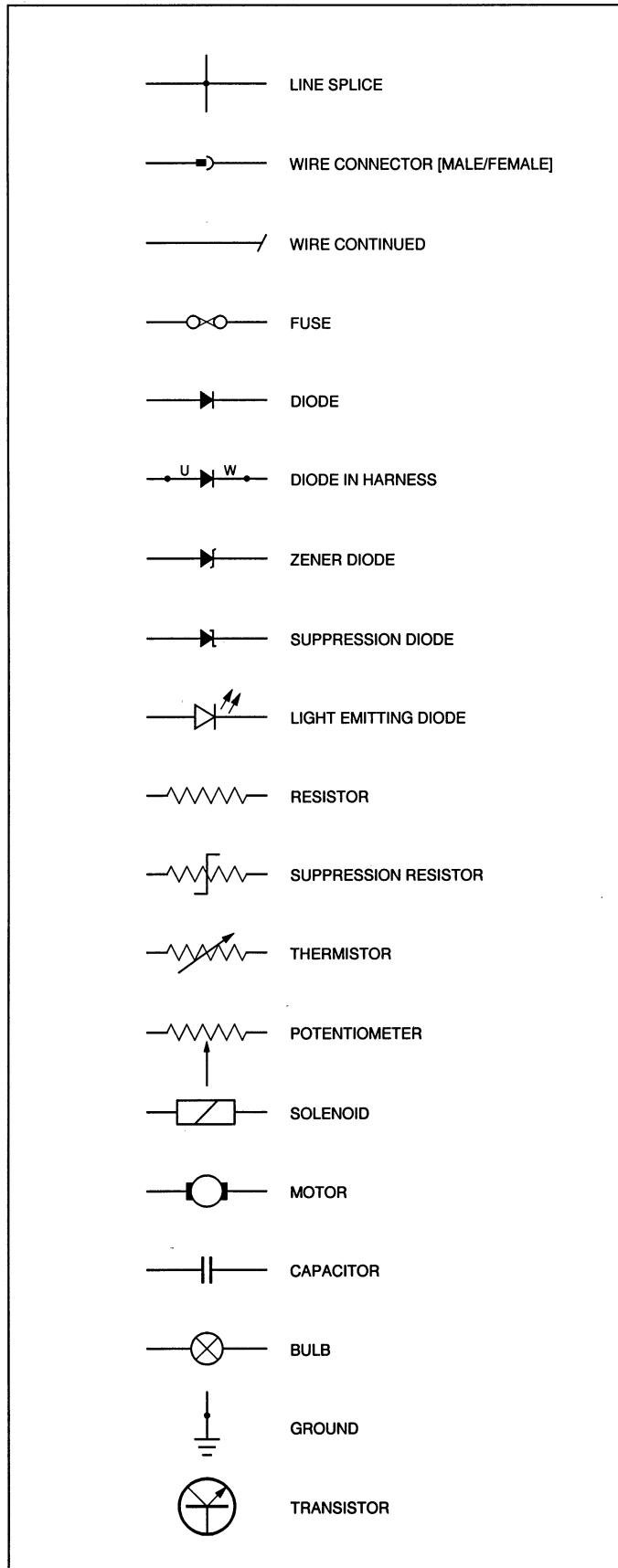
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**Wiring Symbols**



**Wiring Color Codes**

N	Brown	O	Orange
B	Black	S	Slate
W	White	L	Light
K	Pink	U	Blue
G	Green	P	Purple
R	Red	BRD	Braid
Y	Yellow		

When a wire has two or more color code letters, the first letter indicates the main color and the subsequent letter(s) indicate the tracer color(s).

**Wiring Harness Codes**

Code	Description
AB	ABS harness
AC	Air conditioning harness
BF	Boot fuse harness
BL	Boot lid harness
BN	Binnacle harness
CC	Cruise control harness
CH	Console harness
CS	Column switch gear harness
DD	Driver's door harness
DS	Driver's seat harness
EM	Engine management harness
FP	Fuel pump harness
GH	Gearbox harness
GL	Gearbox link
GS	Gear select harness
HH	Hood harness (convertible top)
HL	High level stop light harness
LB	Bulkhead harness (left-hand drive)
LF	Left forward harness
LI	Lucas injection harness
PD	Passenger's door harness
PS	Passenger's seat harness
RC	Rear courtesy light harness
RF	Right forward harness
RH	Rearward harness
SB	Seat belt harness
SC	Security system harness
SH	Seat harness
SM	Driver's seat ECU harness
SN	Passenger's seat control harness
SS	Steering column switch gear harness
ST	Starter motor harness
ZA	Shorting plug
ZC	Shorting plug
ZD	Shorting plug

## Connector Codes

HARNESS CODE + CONNECTOR NUMBER + PIN NUMBER

EXAMPLE: LB13-24 (pin number is separated by a dash)

Note: Absence of a dash and a pin number indicates a single wire connector.

## Splice Codes

HARNESS CODE + S + IDENTIFICATION NUMBER

EXAMPLE: LBS3 (no dash is used)

## Ground Codes

HARNESS CODE + G + IDENTIFICATION NUMBER

EXAMPLE: LBG78 (no dash is used)

## Diode Codes

HARNESS CODE + D + IDENTIFICATION NUMBER

EXAMPLE: LSD3 (no dash is used)

## Reference Symbols

Two reference symbols are used to indicate the remainder of the circuit (feed and ground) and refer the reader to one of two preliminary figures.

 BATTERY POWER DISTRIBUTION (FIG 1)

 IGNITION SWITCHED POWER DISTRIBUTION (FIG 2)

## Reference Flags

 REFERENCE FLAG

This symbol refers the reader to a figure number only. It does not refer to a flag with the same number on a different figure.

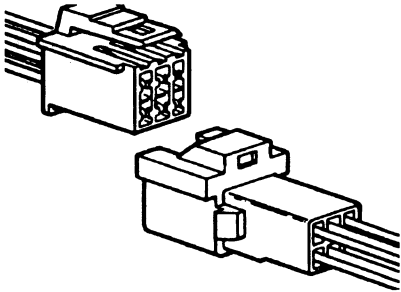
As used in figures 1, 2 and 3, the FLAG refers to a figure number where the circuit is continued. In this instance, the reader matches the BOX or DIAMOND numbers to trace the circuit.

In most other cases, it is not necessary to refer to another figure for completion of a circuit. The FLAGS are used to indicate parallel circuits and circuits which share components. Most of the circuits where this situation occurs are overlapped to avoid the necessity for cross-referencing to another figure.

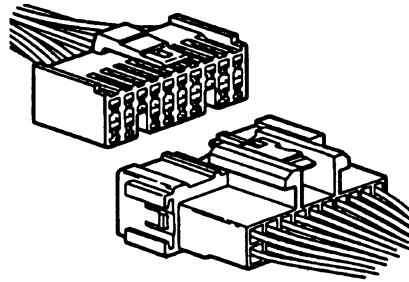
## Data Pages

Every wiring diagram has a corresponding data page to its left in the book. This information aids the reader in identifying and locating components, connectors and ground points. Additionally, where applicable, processor and logic unit INPUT / OUTPUT information is provided to aid the reader in understanding circuit operation. This information should not be used for diagnostic purposes.

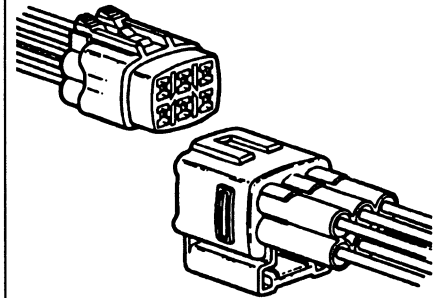
**SUMITOMO STANDARD**



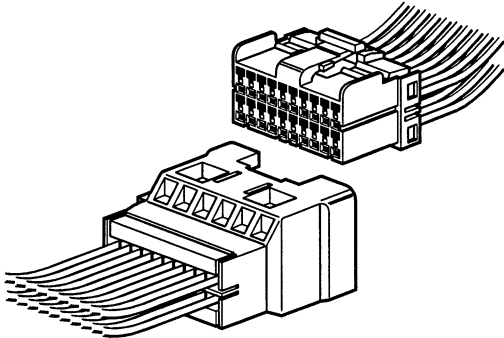
**SUMITOMO BLOCK**



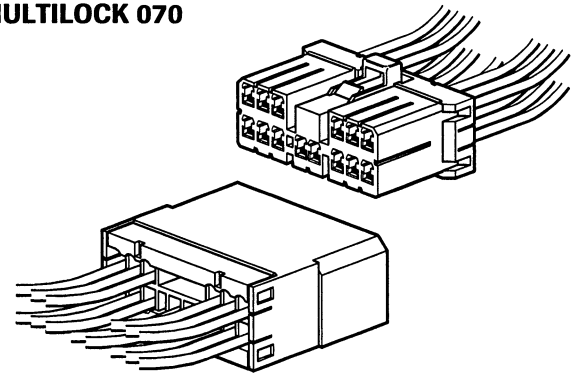
**SUMITOMO SEALED**



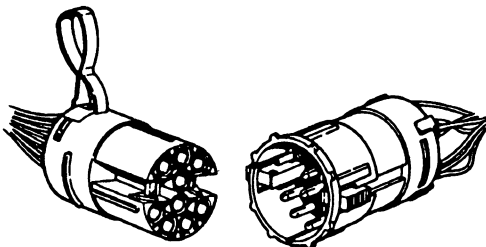
**MULTILOCK 040**



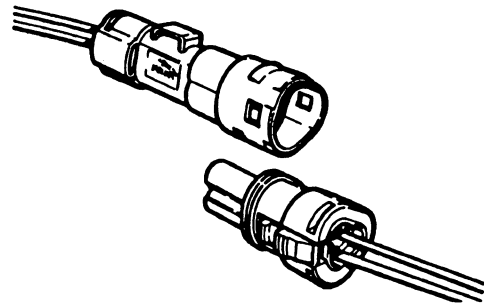
**MULTILOCK 070**



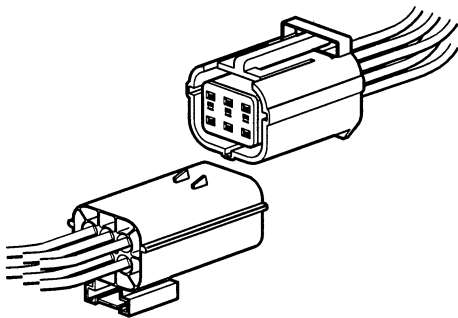
**PM 4**



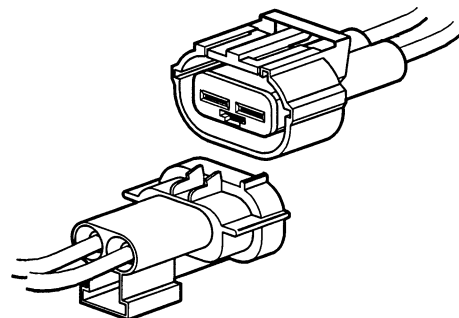
**PM 5**



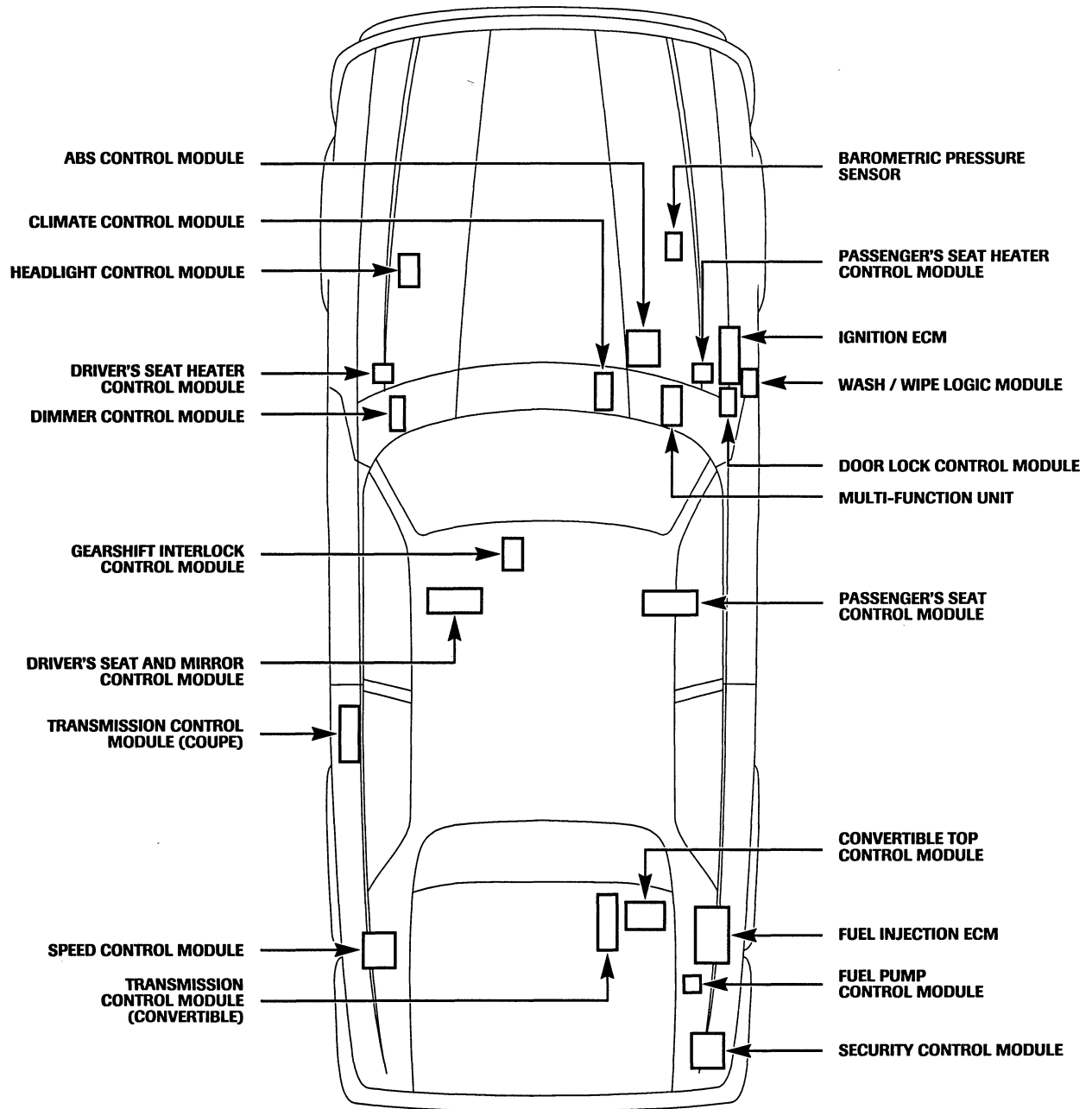
**ECONOSEAL III LC**

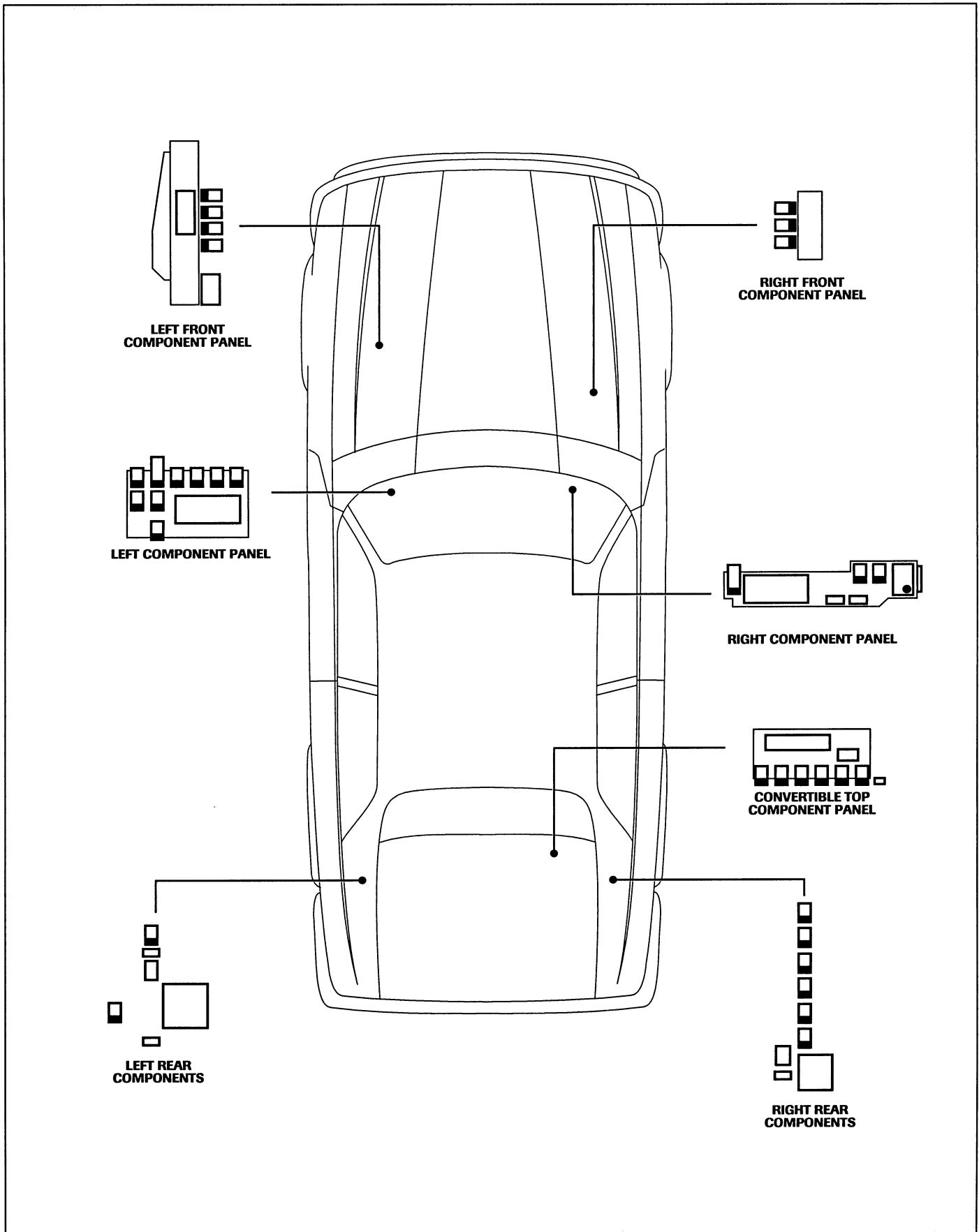


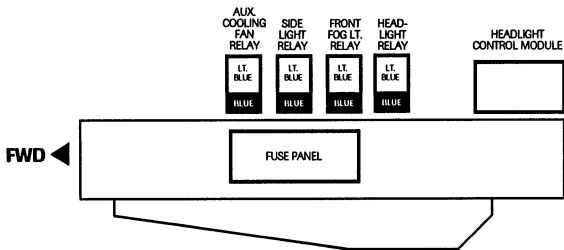
**ECONOSEAL III HC**



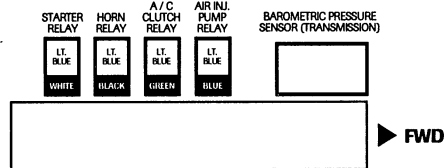




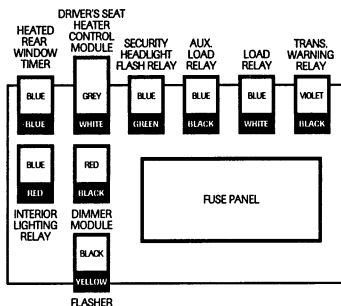




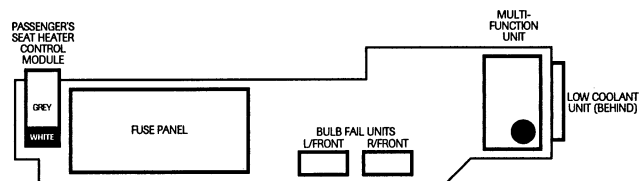
**LEFT FRONT COMPONENT PANEL**



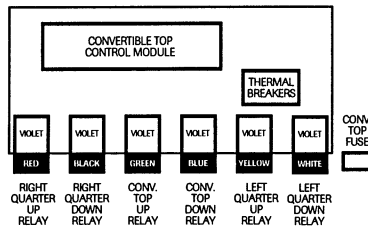
**RIGHT FRONT COMPONENT PANEL**



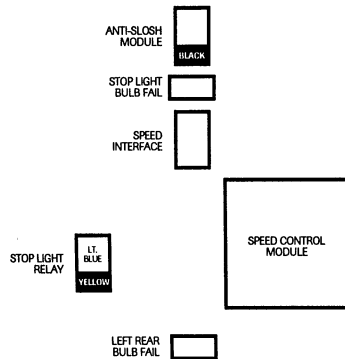
**LEFT COMPONENT PANEL**



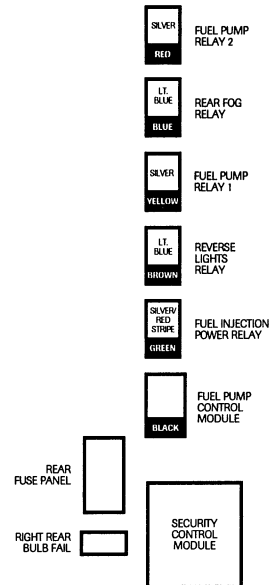
**RIGHT COMPONENT PANEL**



**CONVERTIBLE TOP COMPONENT PANEL**



**LEFT REAR COMPONENTS**



**RIGHT REAR COMPONENTS**

**Left fuse panel**

Number	Color	Value	Circuit
1	Blue	15A	Driver's seat movement – fore, aft, lumbar
2	Tan	5A	Speed control
3	Yellow	20A	Left blower
4	Red	10A	Radio memory
5	Red	10A	Radio power
6	Tan	5A	Interior lights
7	Red	10A	Accessory connector
8	Red	10A	Windshield washer pump
9	Red	10A	Driver's seat heater
10	Tan	5A	ABS control module
11	Red	10A	Trunk lighting; caravan power
12	Yellow	20A	Driver's seat movement - recline
13	Tan	5A	Trip computer memory
14	Tan	5A	Power mirrors; door switch packs; seat memory
15	Red	10A	Heated washer jets
16	Tan	5A	Trip computer power; speed interface power; gear shift interlock power
17	Green	30A	Power windows, front
18	Red	10A	Locate lighting
19	Red	10A	Hazard warning
20	Tan	5A	Cellular telephone power
21	Tan	5A	Cellular telephone memory
22	Blue	15A	Heated rear window/ heated door mirrors

**Right fuse panel**

Number	Color	Value	Circuit
1	Blue	15A	Passenger's seat movement – fore, aft, lumbar
2	Red	10A	Central locking; multi-function unit
3	Yellow	20A	Right blower
4	Red	10A	Air conditioning compressor relay; supplementary air valve
5	Blue	15A	Horns
6	Red	7.5A	Turn signals
7	Blue	15A	Engine management system power
8	Blue	15A	Windshield wash/wipers (logic module)
9	Red	10A	Passenger's seat heater
10	Tan	5A	Transmission memory
11	Green	30A	ABS valves
12	Yellow	20A	Passenger's seat movement – recline
13	Tan	5A	EVAPP valves; secondary air injection; hot start
14	Tan	5A	Fuel injection memory
15	Tan	5A	Climate control (ECM and control circuit)
16	Yellow	20A	Cigar lighter
17	Green	30A	Headlight power wash
18	Blue	10A	Sunroof; accessory connector
19	Blue	15A	Stop lights
20	Tan	5A	Transmission (shift solenoids) power
21	Tan	5A	Transmission control module power
22	Green	30A	ABS Pump

## Left front fuse panel

Number	Color	Value	Circuit
1	Blue	15A	Dim/dip; daytime running lights
2	Blue	15A	Front fog lights
3	—	—	Not used
4	Green	30A	Auxiliary cooling fan
5	Red	10A	Left headlight main beam
6	Red	10A	Right headlight main beam
7	Tan	5A	Left front side lights
8	Tan	5A	Right front side lights
9	Red	10A	Left headlight dipped beam
10	Red	10A	Right headlight dipped beam
11	—	—	Not used
12	Tan	5A	Headlight leveling

## Rear fuse panel

Number	Color	Value	Circuit
1	Red	10A	Accessory connector
2	Yellow	20A	Fuel pump 2
3	Yellow	20A	Fuel injection (main) relay
4	Tan	5A	Right tail, right license plate lighting
5	Red	10A	Rear fog lights; antenna
6	Tan	5A	Convertible top relays
7	Tan	5A	Reverse lights
8	Tan	5A	Left tail; left license plate lighting
9	Tan	5A	Trailer right tail lighting
10	Tan	5A	Trailer left tail lighting
11	Red	10A	Fused feed
12	Yellow	20A	Fuel pump 1

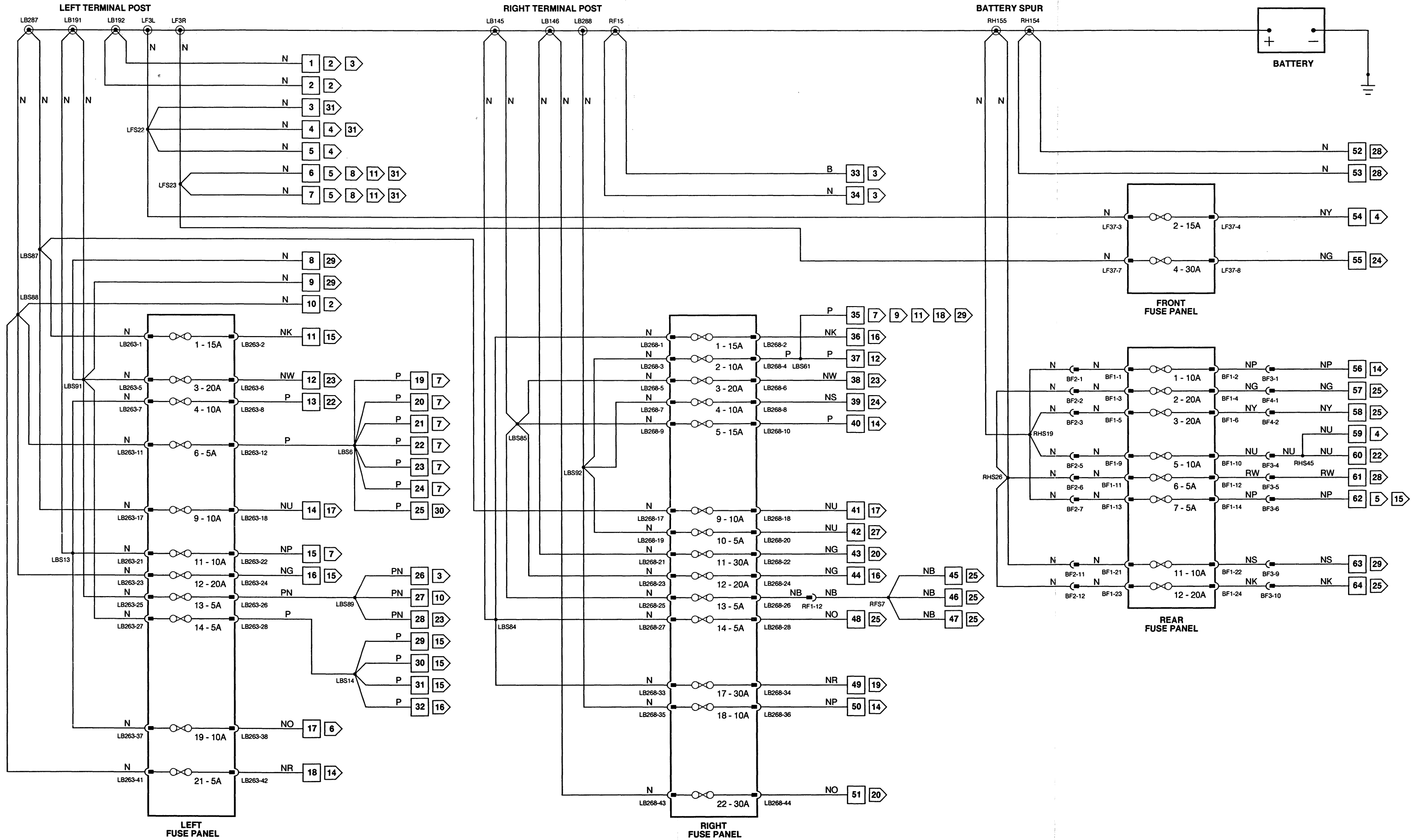
# FIG 1 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BATTERY	TRUNK	REMOVE TRIM
FUSE PANEL - FRONT	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
FUSE PANEL - LEFT	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
FUSE PANEL - REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
FUSE PANEL - RIGHT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BF1	FUSE PANEL CONNECTOR (BLACK)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF2	12-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF3	10-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
BF4	2-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
LB145	EYELET	RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB146	EYELET	RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB191	EYELET	LEFT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB192	EYELET	LEFT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB263	22-WAY FUSE PANEL	LEFT COMPONENT PANEL / LEFT FUSE PANEL
LB268	22-WAY FUSE PANEL	RIGHT COMPONENT PANEL / RIGHT FUSE PANEL
LB287	EYELET	LEFT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LF288	EYELET	RIGHT BULKHEAD BEHIND BLOWER MOTOR / BATTERY POSITIVE STUD
LF3L	EYELET	LEFT BULKHEAD ENGINE STUD / BATTERY POSITIVE STUD
LF3R	EYELET	LEFT BULKHEAD ENGINE STUD / BATTERY POSITIVE STUD
LF37	FUSE PANEL CONNECTOR (BLACK)	LEFT FRONT COMPONENT PANEL / LEFT FRONT FUSE PANEL
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RF15	EYELET	RIGHT BULKHEAD, ENGINE COMPARTMENT / STARTER SOLENOID
RH154	SPUR	TRUNK, BATTERY POSITIVE CABLE / CONVERTIBLE TOP
RH155	SPUR	TRUNK, BATTERY POSITIVE CABLE / CONVERTIBLE TOP



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▢ FIG NUMBER REFERENCE

NOTE: ONLY FUSES WITH DIRECT BATTERY POWER SUPPLY ARE SHOWN.

# FIG 2 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
FUSE PANEL - LEFT	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
FUSE PANEL - RIGHT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
IGNITION SWITCH	STEERING COLUMN, RIGHT	REMOVE STEERING COLUMN TRIM
INERTIA SWITCH	RIGHT 'A' POST	TRIM COVER
RELAY - AUXILIARY LOAD (LB139)	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - LOAD (LB175)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL

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## CONNECTORS

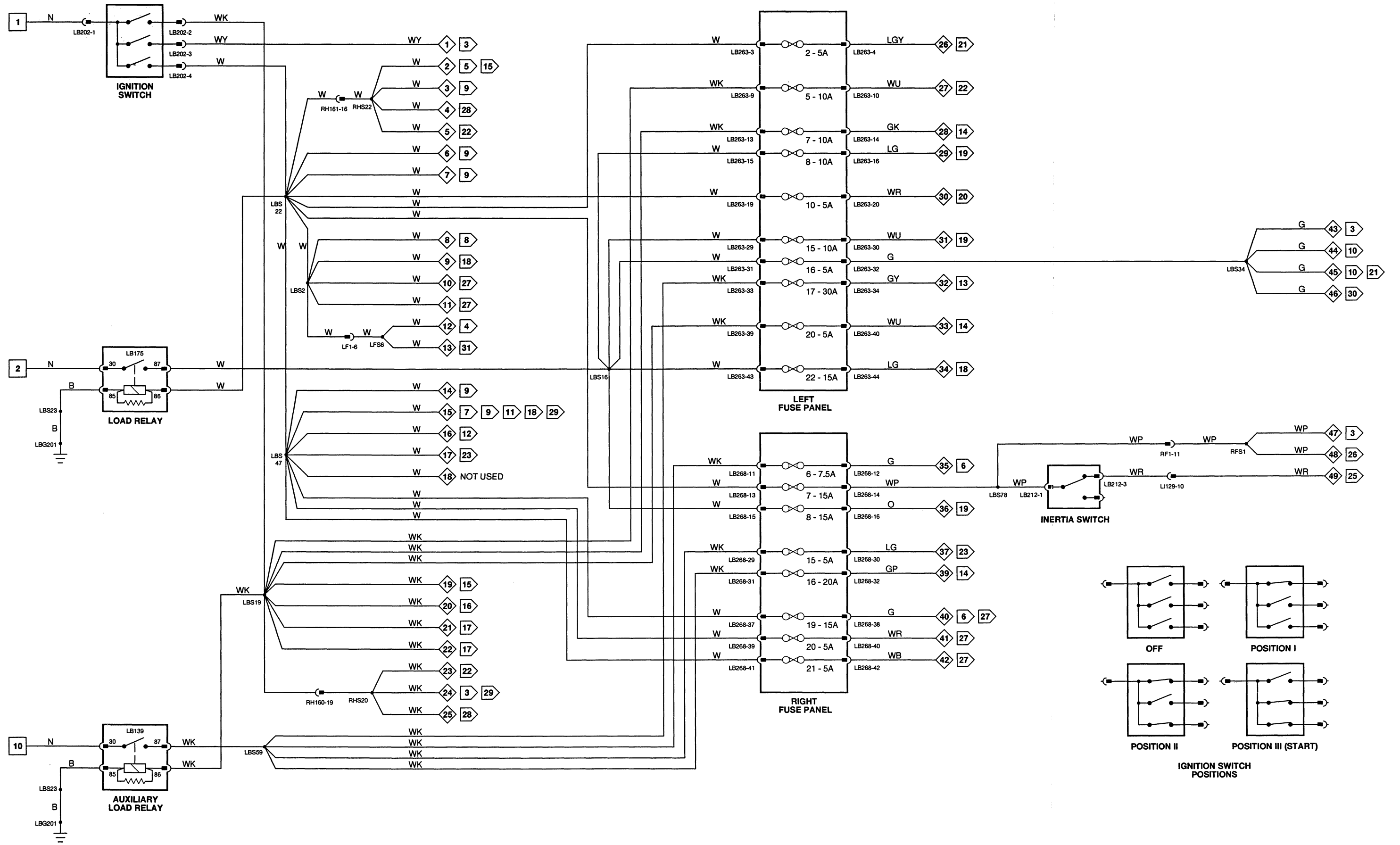
CODE	DESCRIPTION	LOCATION / INTERFACE
LB139	RELAY BASE (BLACK)	RIGHT COMPONENT PANEL / AUX. LOAD RELAY
LB175	RELAY BASE (WHITE)	LEFT COMPONENT PANEL / LOAD RELAY
LB202	4-WAY ECONOSEAL III HC (BLACK)	ADJACENT TO STEERING COLUMN / IGNITION SWITCH
LB212	3-WAY LABINOL (SLATE)	RIGHT 'A' POST / INERTIA SWITCH
LB263	22-WAY FUSE PANEL (BLACK)	LEFT COMPONENT PANEL/ LEFT FUSE PANEL
LB268	22-WAY FUSE PANEL (BLACK)	RIGHT COMPONENT PANEL/ RIGHT FUSE PANEL
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / BULKHEAD HARNESS
LI129	24-WAY SUMITOMO BLOCK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / LUCAS INJECTION HARNESS
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

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## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND





□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

NOTE: ONLY FUSES WITH IGNITION SWITCHED POWER ARE SHOWN.

# FIG 3 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DIODE - RFD2	RIGHT FRONT COMPONENT PANEL, BELOW STARTER RELAY	ENGINE COMPARTMENT
GEAR SHIFT CONTROL MODULE	CENTER CONSOLE, REAR OF GEARSHIFT	CENTER CONSOLE WOOD TRIM
GEAR SHIFT SOLENOID	CENTER CONSOLE, FRONT OF GEARSHIFT	CENTER CONSOLE WOOD TRIM
GENERATOR	LEFT FRONT OF ENGINE	ENGINE COMPARTMENT
IGNITION SWITCH	STEERING COLUMN, RIGHT	REMOVE STEERING COLUMN TRIM
KEY LOCK SOLENOID	ABOVE IGNITION SWITCH	STEERING COLUMN COWL
PARK MICRO SWITCH	CENTER CONSOLE, FRONT OF GEARSHIFT	CENTER CONSOLE WOOD TRIM
RELAY - STARTER (RF19)	RIGHT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, RIGHT
SECURITY CONTROL MODULE	RIGHT TAIL LIGHT CLUSTER	RIGHT REAR TRUNK TRIM
START INHIBIT SWITCH	ADJACENT TO GEARSHIFT IN CENTER CONSOLE	CENTER CONSOLE TRIM
STARTER MOTOR AND SOLENOID	ENGINE	-
STOP LIGHT SWITCH	ABOVE BRAKE PEDAL	LEFT UNDER DASH PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GS1	13-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / GEAR SHIFT CONTROL MODULE
GS2	.250 BLADE (WHITE)	GEARSHIFT LINKAGE IN CENTER CONSOLE / START INHIBIT SWITCH
GS3	.250 BLADE (WHITE)	GEARSHIFT LINKAGE IN CENTER CONSOLE / START INHIBIT SWITCH
GS9	.250 BLADE (YELLOW)	CENTER CONSOLE PARK SWITCH / PARK MICRO SWITCH
GS10	.250 BLADE (YELLOW)	CENTER CONSOLE PARK SWITCH / PARK MICRO SWITCH
GS11	9-WAY AMP (BLACK / YELLOW)	CENTER CONSOLE, LEFT OF GEARSHIFT / GEARSHIFT CONTROL MODULE
GS12	2-WAY MULTILOCK 70 (BLACK)	CENTER CONSOLE, REAR OF GEARSHIFT / GEARSHIFT CONTROL MODULE
HH32	6-WAY SUMITOMO STD. (WHITE)	ABOVE RIGHT REAR WHEEL ARCH / TRANSMISSION ROTARY SWITCH HARNESS
LB167	4-WAY SUMITOMO STD. (RED)	ABOVE BRAKE PEDAL / STOP LIGHT SWITCH
LB202	4-WAY ECONOSEAL III HC (BLACK)	ADJACENT TO STEERING COLUMN / IGNITION SWITCH
LB289	2-WAY MULTILOCK 40 (BLUE)	ADJACENT TO STEERING COLUMN / KEY LOCK SOLENOID
LI86	3-WAY NIPPON DENSO (WHITE)	REAR OF GENERATOR / GENERATOR
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RF14	EYELET	STARTER SOLENOID / ENGINE, RIGHT
RF19	RELAY BASE (WHITE)	RIGHT FRONT COMPONENT PANEL / STARTER RELAY
RF29	3-WAY NIPPON DENSO (BLACK)	REAR OF GENERATOR / GENERATOR
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH174	13-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / RIGHT SIDE HARNESS
RH178	12-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH179	20-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
ST1	EYELET	STARTER MOTOR SOLENOID / STARTER
ST2	EYELET	GENERATOR BODY / GENERATOR

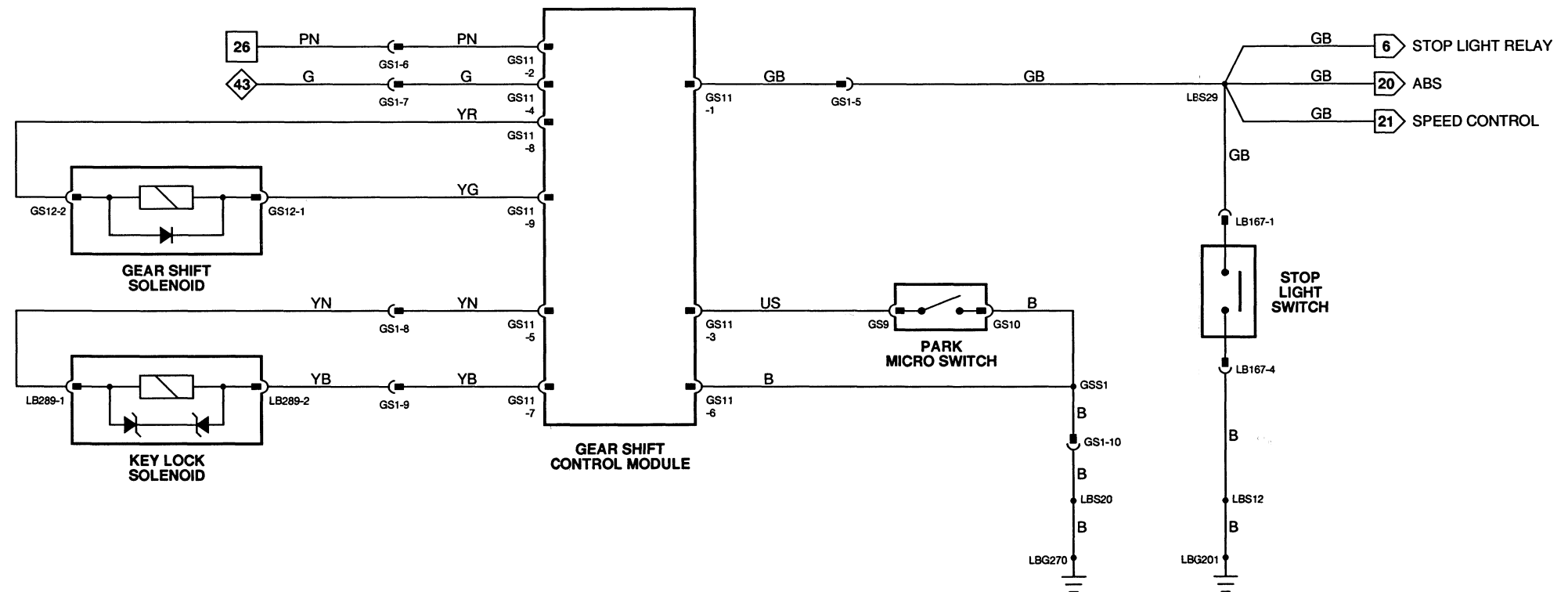
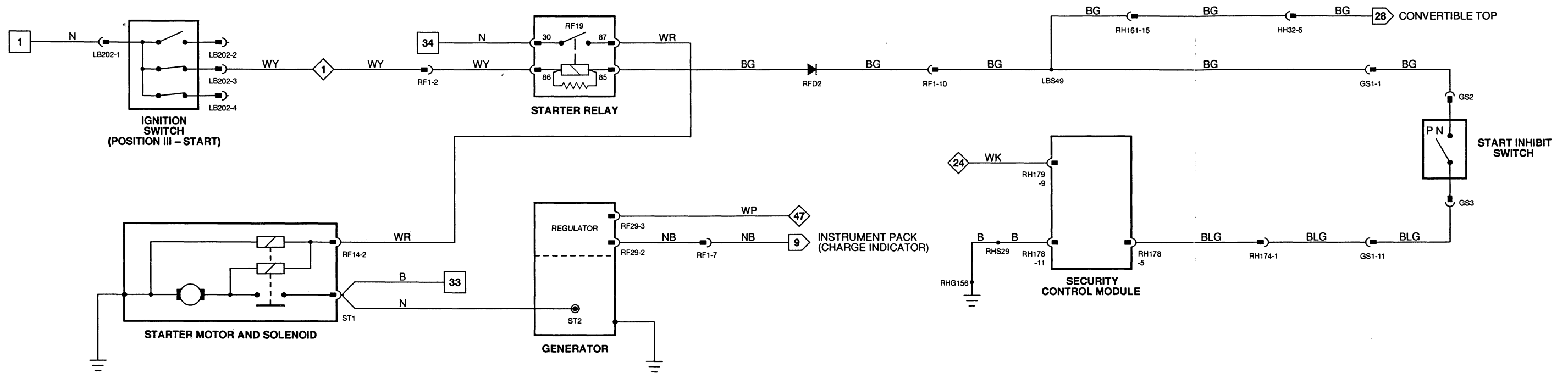
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RHG156	EYELET	BEHIND RIGHT REAR TAIL LIGHT CLUSTER / POWER GROUND

## INPUTS / OUTPUTS

### GEAR SHIFT CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GS11-1	INPUT	BRAKE SWITCH	KEY ON, BRAKE APPLIED: GROUND	BRAKE RELEASED: 12V
GS11-2	INPUT	BATTERY POWER	12V	12V
GS11-3	INPUT	PARK MICRO SWITCH	KEY ON, "P": 12V	KEY ON, "R", "N", "D", "3", "2": GROUND
GS11-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
GS11-5	OUTPUT	KEY LOCK SOLENOID	KEY ON, "P": GROUND	KEY OFF: OPEN CIRCUIT
GS11-6	INPUT	POWER GROUND	GROUND	GROUND
GS11-7	INPUT	KEY LOCK SOLENOID	PARK: GROUND	"R", "N", "D", "3", "2": OPEN CIRCUIT
GS11-8	INPUT	GEAR SHIFT SOLENOID	PARK: GROUND	"R", "N", "D", "3", "2": OPEN CIRCUIT
GS11-9	OUTPUT	GEAR SHIFT SOLENOID	KEY ON, BRAKE RELEASED: GROUND	BRAKE APPLIED: 12V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 4 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DIODE - LBD1	STEERING COLUMN, 6" TO RIGHT OF FUSE PANEL	LEFT UNDER DASH PANEL
DIODE - LBD2	STEERING COLUMN, 6" TO RIGHT OF FUSE PANEL	LEFT UNDER DASH PANEL
DIODE - SPD1	6" FROM LEFT FUSE PANEL	LEFT UNDER DASH PANEL
FOG LIGHT SWITCHES	CENTER CONSOLE, LEFT	SWITCHPACK
FUSE PANEL - FRONT	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
HEADLIGHT CONTROL MODULE	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
LIGHTING AND TURN SIGNAL SWITCH	STEERING COLUMN, LEFT	STEERING COLUMN TRIM
RELAY - FRONT FOG (LF45)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
RELAY - HEADLIGHT (LF9)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
RELAY - REAR FOG (RH203)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL

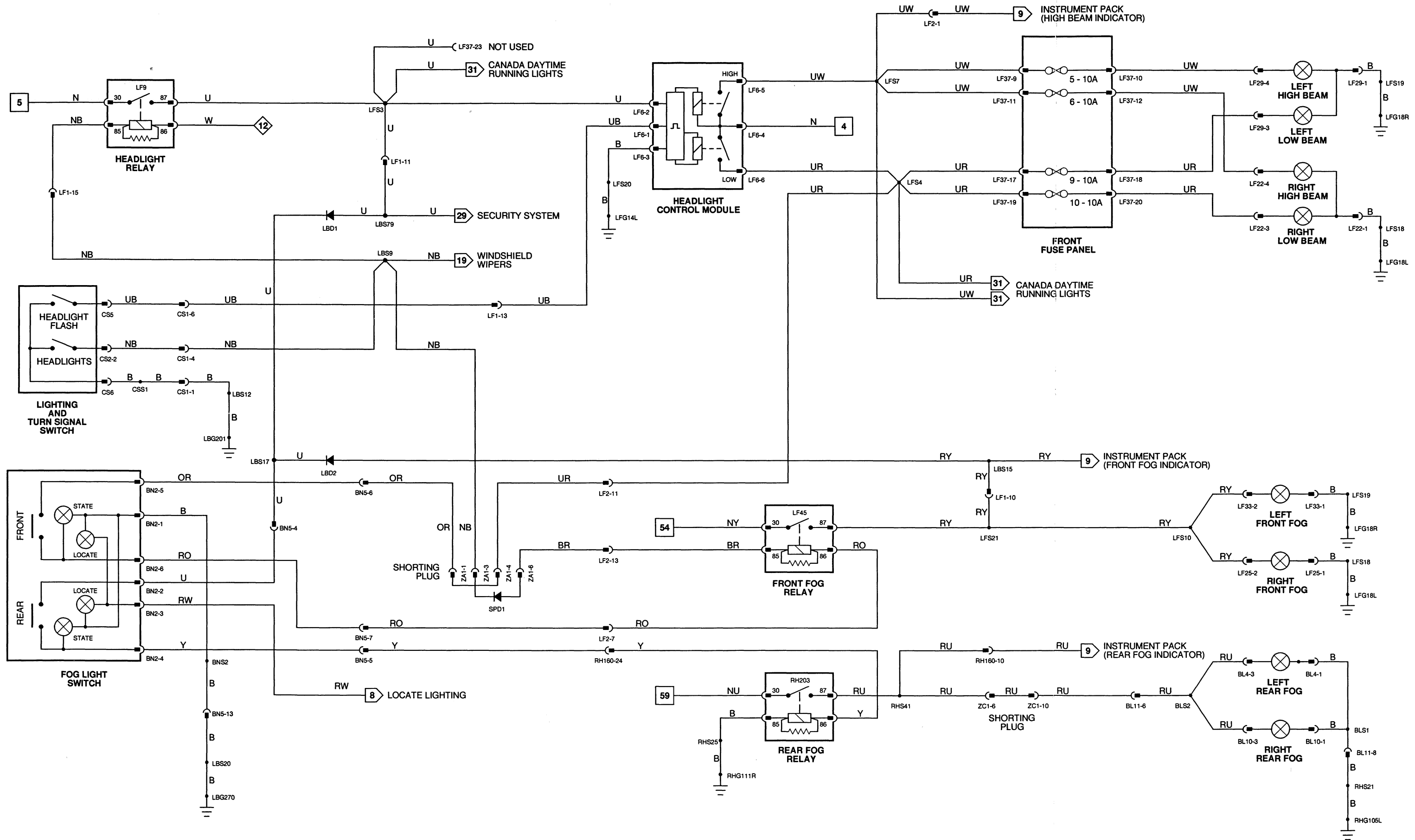
\* FOG LIGHT SWITCHES AND HAZARD / HEATED REAR WINDOW SWITCH LOCATIONS DIFFER DEPENDENT ON INSTALLED OPTIONS. CONNECTOR, PIN AND WIRE INFORMATION REMAINS THE SAME FOR ALL OPTIONS.

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BL4	4-WAY SUMITOMO STD. (WHITE)	TRUNK LID, LEFT CENTER / LEFT REAR FOG LIGHTS
BL10	4-WAY SUMITOMO STD. (WHITE)	TRUNK LID, RIGHT CENTER / RIGHT REAR FOG LIGHTS
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / REAR FOG LIGHT GROUND
BN2	8-WAY MULTILOCK 70 (WHITE)	BEHIND FOG LIGHT SWITCH PACK / FOG LIGHT SWITCH
BN5	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER RIGHT A/C OUTLET / FOG LIGHT SWITCH GROUND
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / LIGHTING AND TURN SIGNAL SWITCH GROUND
CS2	6-WAY SUMITOMO STD. (WHITE)	LIGHTING STALK SWITCH GEAR / LIGHTING AND TURN SIGNAL SWITCH
CS5	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / BULKHEAD HARNESS; HIGH BEAMS
CS6	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / BULKHEAD HARNESS; SWITCH GROUND
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / BULKHEAD HARNESS
LF2	13-WAY SUMITOMO BLOCK (WHITE)	LOWER LEFT 'A' POST / BULKHEAD HARNESS
LF6	6-WAY AMP (BLACK)	LEFT FRONT COMPONENT PANEL / HEADLIGHT CONTROL MODULE
LF9	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / HEADLIGHT RELAY
LF22	4-WAY SUMITOMO SEALED (GREEN)	RIGHT FRONT RADIATOR SUPPORT / RIGHT HEADLIGHTS
LF25	3-WAY PM 5 (YELLOW)	BEHIND RIGHT FRONT VALENCE / RIGHT FRONT FOG LIGHT
LF29	4-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT RADIATOR SUPPORT / LEFT HEADLIGHTS
LF33	3-WAY PM 5 (YELLOW)	BEHIND LEFT FRONT VALENCE / LEFT FRONT FOG LIGHTS
LF37	FUSE PANEL CONNECTOR (BLACK)	LEFT FRONT COMPONENT PANEL / LEFT FRONT FUSE PANEL
LF45	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / FRONT FOG LIGHT RELAY
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH203	RELAY BASE (BLUE)	RIGHT REAR WHEEL ARCH / REAR FOG LIGHT RELAY
ZA1	8-WAY SUMITOMO STD. (BLACK)	6" FROM LEFT FUSE PANEL / FRONT FOG LIGHT SHORTING PLUG
ZC1	10-WAY SUMITOMO STD. (WHITE)	LEFT TAIL LIGHT CLUSTER / REAR R FOG LIGHT SHORTING PLUG

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LFQ14L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFQ18L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFQ18R	EYELET	TOP RIGHT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG105L	EYELET	BRIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG111R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 5 DATA

## COMPONENTS

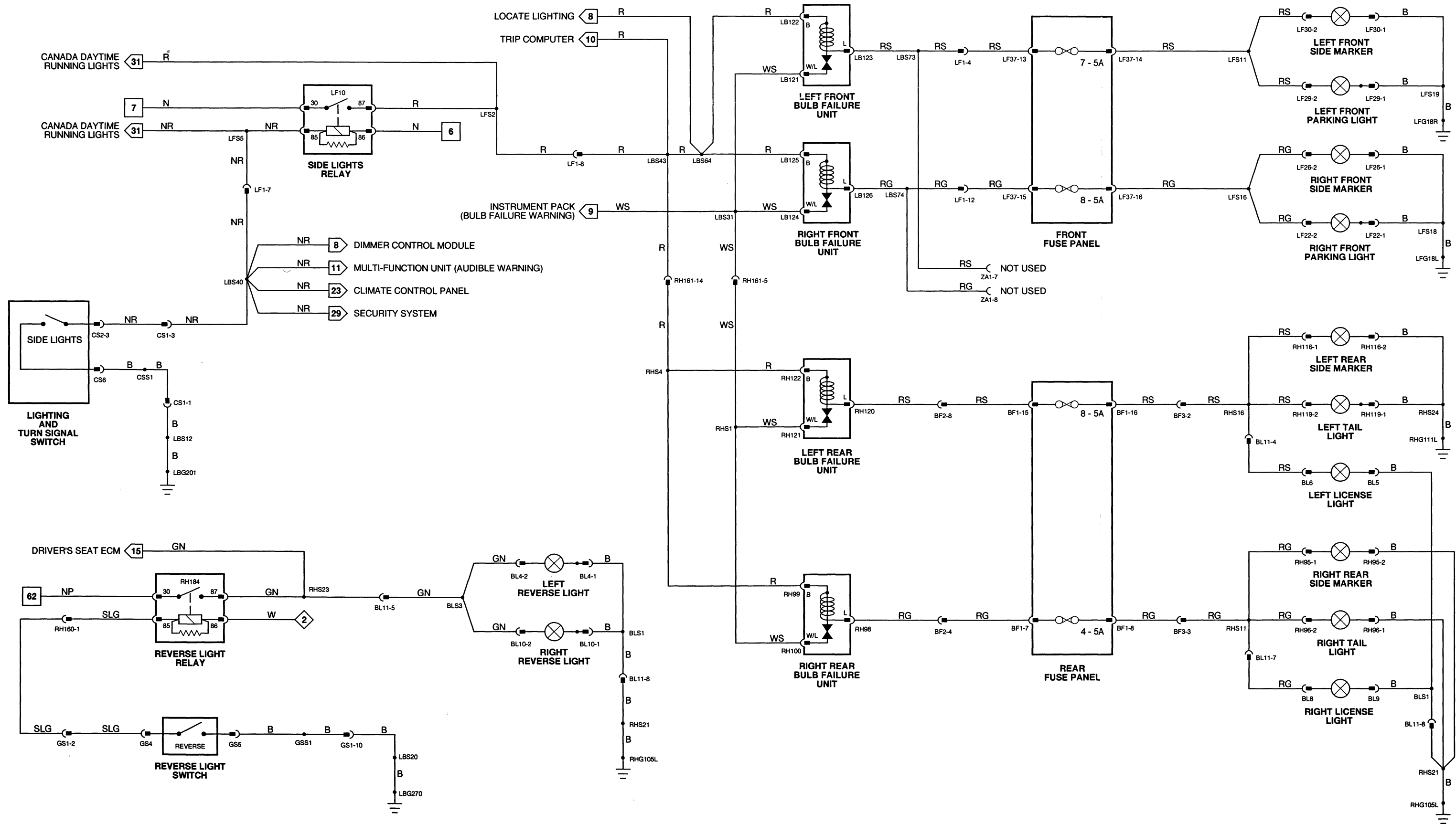
DESCRIPTION	LOCATION	ACCESS
BULB FAILURE UNIT - LEFT FRONT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
BULB FAILURE UNIT - LEFT REAR	LEFT TAIL LIGHT	TRUNK, LEFT LIGHT TRIM
BULB FAILURE UNIT - RIGHT FRONT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
BULB FAILURE UNIT - RIGHT REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
FUSE PANEL - FRONT	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
FUSE PANEL - REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
LIGHTING AND TURN SIGNAL SWITCH	STEERING COLUMN, LEFT	STEERING COLUMN TRIM
RELAY - REVERSE LIGHTS (RH184)	ABOVE RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM PANEL
RELAY - SIDE LIGHTS (LF10)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
REVERSE LIGHT SWITCH	ADJACENT TO GEARSHIFT LINKAGE	CENTER CONSOLE TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BF1	FUSE PANEL CONNECTOR (BLACK)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF2	12-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF3	10-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
BL4	4-WAY SUMITOMO STD. (WHITE)	TRUNK LID, CENTER / LEFT REVERSE LIGHTS
BL5	.187 BLADE (WHITE)	LEFT REAR LICENSE / LEFT LICENSE BULB
BL6	.187 BLADE (WHITE)	LEFT REAR LICENSE / LEFT LICENSE BULB
BL8	.187 BLADE (WHITE)	RIGHT REAR LICENSE / RIGHT LICENSE BULB
BL9	.187 BLADE (WHITE)	RIGHT REAR LICENSE / RIGHT LICENSE BULB
BL10	4-WAY SUMITOMO STD. (WHITE)	TRUNK LID, CENTER / RIGHT REVERSE LIGHTS
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / REAR LIGHTING HARNESS GROUND
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS2	6-WAY SUMITOMO STD. (WHITE)	LIGHTING STALK SWITCH GEAR / LIGHTING AND TURN SIGNAL SWITCH
CS6	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / BULKHEAD HARNESS, SWITCHGEAR
GS1	13-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / GEARSHIFT CONTROL MODULE
GS4	.250 BLADE (RED)	ADJACENT TO GEARSHIFT LINKAGE IN CENTER CONSOLE / REVERSE LIGHT SWITCH
GS5	.250 BLADE (RED)	ADJACENT TO GEARSHIFT LINKAGE IN CENTER CONSOLE / REVERSE LIGHT SWITCH
LB121	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB122	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB123	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB124	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LB125	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LB126	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LF1	16-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / BULKHEAD HARNESS
LF10	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / SIDELIGHTS RELAY
LF22	4-WAY SUMITOMO SEALED (GREEN)	RIGHT RADIATOR SUPPORT / RIGHT FRONT PARKING LIGHTS
LF26	2-WAY SUMITOMO SEALED (BLUE)	BEHIND RIGHT FRONT SIDE MARKER / RIGHT FRONT SIDE MARKER BULB
LF29	4-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT INNER WHEEL ARCH / LEFT FRONT PARKING LIGHTS
LF30	2-WAY SUMITOMO SEALED (BLUE)	BEHIND LEFT FRONT SIDE MARKER / LEFT FRONT SIDE MARKER BULB
LF37	FUSE PANEL CONNECTOR (BLACK)	LEFT FRONT COMPONENT PANEL / LEFT FRONT FUSE PANEL
RH95	2-WAY SUMITOMO SEALED (BLUE)	RIGHT REAR SIDE MARKER / RIGHT SIDE MARKER BULB
RH96	4-WAY SUMITOMO STD. (WHITE)	RIGHT TAIL LIGHT / RIGHT TAIL LIGHT
RH98	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH99	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH100	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH116	2-WAY SUMITOMO SEALED (BLUE)	LEFT REAR SIDE MARKER / LEFT SIDE MARKER BULB
RH119	4-WAY SUMITOMO STD. (WHITE)	LEFT TAIL LIGHT / LEFT TAIL LIGHT
RH120	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAILURE UNIT - LEFT REAR
RH121	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAILURE UNIT - LEFT REAR
RH122	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAILURE UNIT - LEFT REAR
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH184	RELAY BASE (BLUE)	ABOVE RIGHT REAR WHEEL ARCH / REVERSE LIGHTS RELAY

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LFG18L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFG18R	EYELET	TOP RIGHT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG105L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG111L	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 6 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BULB FAILURE UNIT - STOP LIGHT	LEFT REAR WHEEL ARCH	LEFT REAR TRUNK TRIM
DIODE - RHD1	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT	LEFT TRUNK TRIM
FLASHER UNIT	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
HAZARD SWITCH *	DRIVER'S UNDER DASH PANEL	LEFT UNDER DASH PANEL
LIGHTING AND TURN SIGNAL SWITCH	STEERING COLUMN, LEFT	REMOVE STEERING COLUMN TRIM
RELAY - STOP LIGHT (RH113)	LEFT REAR INNER WHEEL ARCH	TRUNK TRIM
STOP LIGHT SWITCH	BRAKE PEDAL	LEFT UNDER DASH PANEL

\* FOG LIGHT SWITCHES AND HAZARD / HEATED REAR WINDOW SWITCH LOCATIONS DIFFER DEPENDENT ON INSTALLED OPTIONS. CONNECTOR, PIN AND WIRE INFORMATION REMAINS THE SAME FOR ALL OPTIONS.

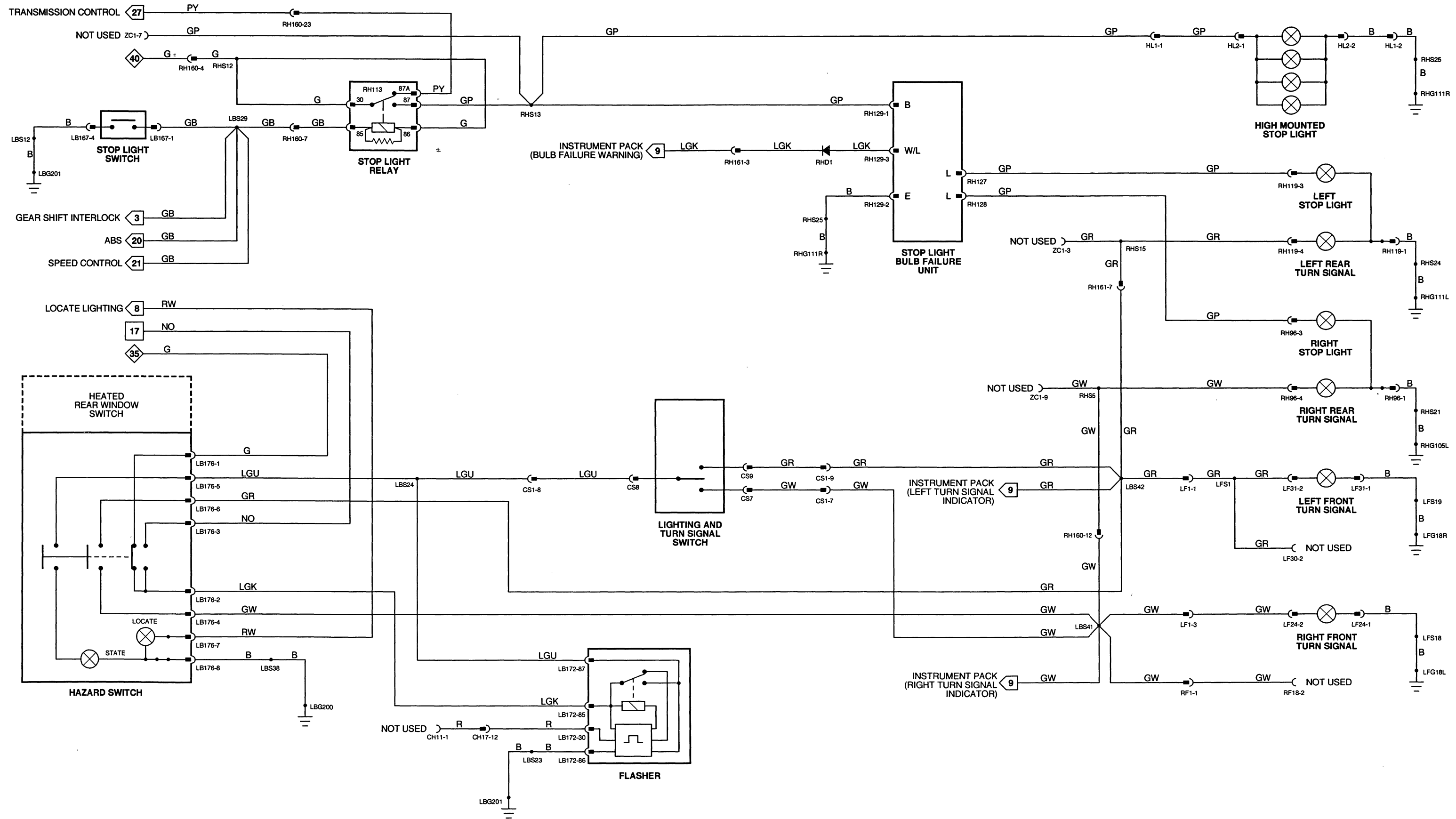
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER HARNESS
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS7	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / BULKHEAD HARNESS, RIGHT TURN
CS8	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / DIRECTIONAL INPUT
CS9	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / BULKHEAD HARNESS, LEFT TURN
HL1	3-WAY PM 5 (BLACK)	INSIDE LEFT REAR WHEEL ARCH / HIGH MOUNT STOP LIGHT HARNESS
HL2	3-WAY PM 5 (BLACK)	HIGH MOUNT STOP LIGHT / HIGH MOUNT STOP LIGHT
LB167	4-WAY SUMITOMO STD. (RED)	ABOVE BRAKE PEDAL / STOP LIGHT SWITCH
LB172	RELAY BASE (YELLOW)	LEFT COMPONENT PANEL / FLASHER UNIT
LB176	10-WAY MULTILOCK 70 (WHITE)	BEHIND HEATED REAR WINDOW SWITCH / HAZARD SWITCH
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / BULKHEAD HARNESS
LF24	2-WAY SUMITOMO STD. (SLATE)	RIGHT FRONT TURN SIGNAL / RIGHT FRONT TURN SIGNAL
LF31	2-WAY SUMITOMO STD. (SLATE)	LEFT FRONT TURN SIGNAL / LEFT FRONT TURN SIGNAL
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RH96	4-WAY SUMITOMO STD. (WHITE)	RIGHT TAIL LIGHT UNIT / RIGHT STOP, TURN LIGHTS
RH113	RELAY BASE (YELLOW)	LEFT REAR INNER WHEEL ARCH / STOP LIGHT RELAY
RH119	4-WAY SUMITOMO STD. (WHITE)	LEFT TAIL LIGHT UNIT / LEFT STOP, TURN LIGHTS
RH127	.250 BLADE (BLACK)	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT / REAR BRAKE LT. WARNING CIRCUIT
RH128	.250 BLADE (BLACK)	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT / REAR BRAKE LT. WARNING CIRCUIT
RH129	3-WAY SPADE (BLACK)	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT / REAR BRAKE LT. WARNING CIRCUIT
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LFG18L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFG18R	EYELET	TOP RIGHT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG105L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG111L	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND
RHG111R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND





BATTERY POWER (FIG 1)

IGNITION POWER (FIG 2)

FIG NUMBER REFERENCE

# FIG 7 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH - DRIVER'S	LEFT 'A' POST	LEFT UNDER DASH PANEL
DOOR SWITCH - PASSENGER'S	RIGHT 'A' POST	RIGHT UNDER DASH PANEL
INTERIOR LIGHTING SWITCH	RIGHT OF TRIP COMPUTER	—
MULTI-FUNCTION UNIT	BEHIND PASSENGER'S UNDER DASH PANEL	RIGHT UNDER DASH PANEL
RELAY - INTERIOR LIGHTING (LB131)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
TRUNK LIGHT SWITCH	TRUNK LATCH ASSEMBLY	REMOVE TRUNK LID TRIM

## CONNECTORS

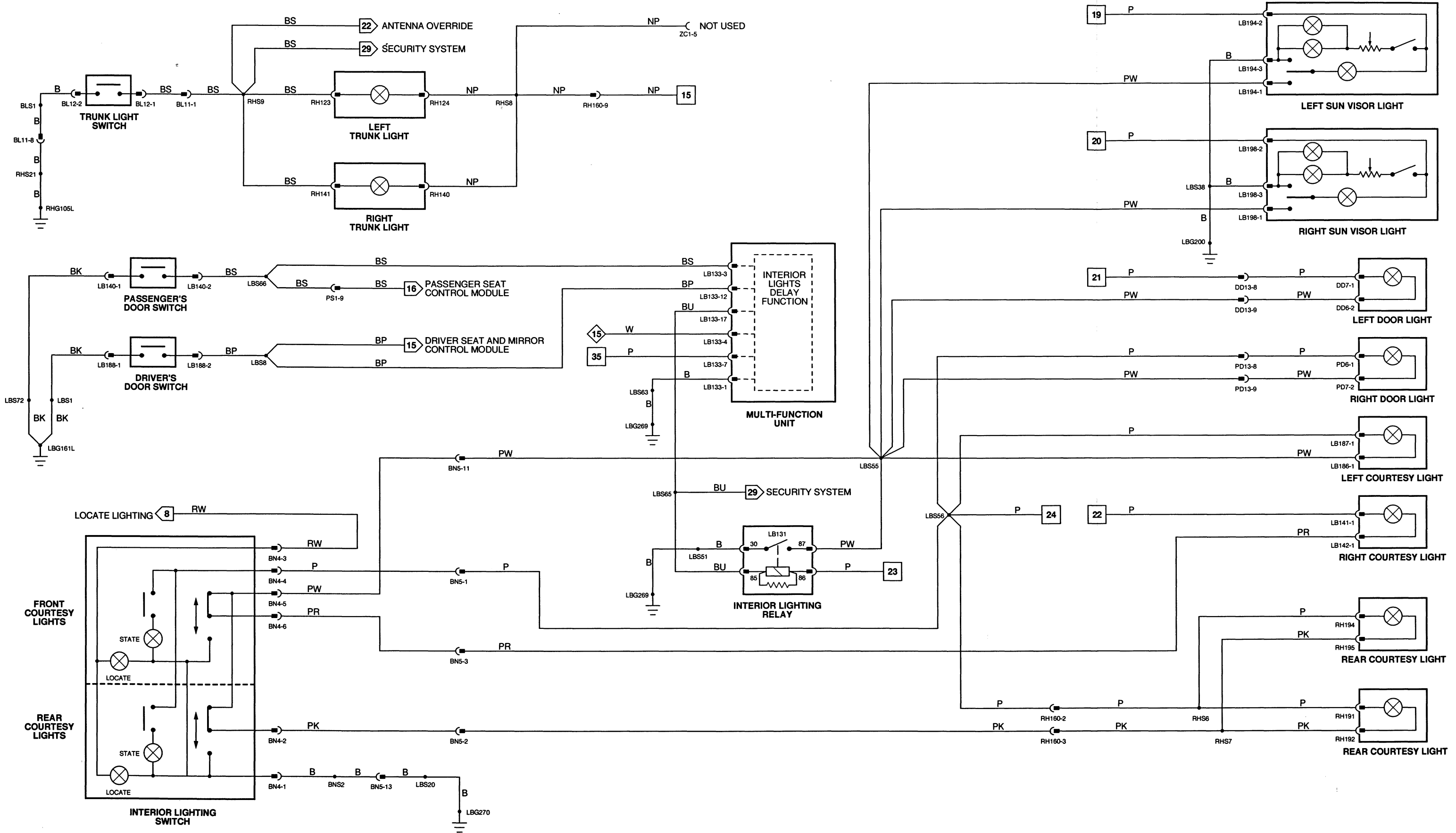
CODE	DESCRIPTION	LOCATION / INTERFACE
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / TRUNK LIGHT HARNESS
BL12	GROTE AND HARTMAN (BLACK)	ABOVE TRUNK LATCH MECHANISM / TRUNK LIGHT SWITCH
BN4	6-WAY MULTILOCK 70 (WHITE)	BEHIND INTERIOR LIGHTING SWITCH / INTERIOR LIGHTING SWITCH
BN5	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER RIGHT A/C OUTLET / INTERIOR LIGHTING SWITCH GROUND
DD6	2-WAY MULTILOCK 40 (BLACK)	BOTTOM OF DRIVER'S DOOR / DRIVER'S PUDDLE LIGHT
DD7	2-WAY MULTILOCK 40 (BLACK)	BOTTOM OF DRIVER'S DOOR / DRIVER'S PUDDLE LIGHT
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / BULKHEAD HARNESS
LB131	RELAY BASE (RED)	LEFT COMPONENT PANEL / INTERIOR LIGHTING RELAY
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI-FUNCTION UNIT
LB140	2-WAY SUMITOMO STD. (WHITE)	R/UNDER DASH 6" FROM 'A' POST / PASSENGER'S DOOR SWITCH
LB141	.250 BLADE (WHITE)	BEHIND RIGHT COURTESY LIGHT / PASSENGER'S COURTESY LIGHT
LB142	.250 BLADE (WHITE)	BEHIND RIGHT COURTESY LIGHT / PASSENGER'S COURTESY LIGHT
LB186	.250 BLADE (WHITE)	BEHIND LEFT COURTESY LIGHT / DRIVER'S COURTESY LIGHT
LB187	.250 BLADE (WHITE)	BEHIND LEFT COURTESY LIGHT / DRIVER'S COURTESY LIGHT
LB188	2-WAY SUMITOMO STD. (WHITE)	L/UNDER DASH 6" FROM 'A' POST / DRIVER'S DOOR SWITCH
LB194	4-WAY MULTILOCK 40 (BLACK)	BEHIND LEFT SUN VISOR MOUNTING BRACKET / LEFT SUN VISOR LIGHT
LB198	4-WAY MULTILOCK 40 (BLACK)	BEHIND RIGHT SUN VISOR MOUNTING BRACKET / RIGHT SUN VISOR LIGHT
PD6	2-WAY MULTILOCK 40 (BLACK)	BOTTOM OF PASSENGER'S DOOR / PASSENGER'S PUDDLE LIGHT
PD7	2-WAY MULTILOCK 40 (BLACK)	BOTTOM OF PASSENGER'S DOOR / PASSENGER'S PUDDLE LIGHT
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / BULKHEAD HARNESS
PS1	16-WAY SUMITOMO BLOCK (BLACK)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH123	.250 BLADE (WHITE)	TRUNK, INNER LEFT FENDER / LEFT TRUNK LIGHT
RH124	.250 BLADE (WHITE)	TRUNK, INNER LEFT FENDER / LEFT TRUNK LIGHT
RH140	.250 BLADE (WHITE)	TRUNK, INNER RIGHT FENDER / RIGHT TRUNK LIGHT
RH141	.250 BLADE (WHITE)	TRUNK, INNER RIGHT FENDER / RIGHT TRUNK LIGHT
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH191	.250 BLADE (WHITE)	BEHIND RIGHT REAR COURTESY LIGHT / RIGHT COURTESY LIGHT
RH192	.250 BLADE (WHITE)	BEHIND RIGHT REAR COURTESY LIGHT / RIGHT COURTESY LIGHT
RH194	.250 BLADE (WHITE)	BEHIND LEFT REAR COURTESY LIGHT / LEFT COURTESY LIGHT
RH195	.250 BLADE (WHITE)	BEHIND LEFT REAR COURTESY LIGHT / LEFT COURTESY LIGHT

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RHG105L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND

## INPUTS / OUTPUTS

MULTI-FUNCTION UNIT			ACTIVE	INACTIVE
CODE	IN / OUT	CIRCUIT		
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-3	INPUT	PASSENGER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-12	INPUT	DRIVER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB133-17	OUTPUT	INTERIOR LIGHTING RELAY	LIGHTS ON: GROUND	LIGHTS OFF: 12V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 8 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CIGAR LIGHTER	CENTER CONSOLE	—
CLIMATE CONTROL PANEL	CENTER CONSOLE	—
DIMMER CONTROL	LEFT UNDER DASH PANEL	—
DIMMER CONTROL MODULE	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
DOOR SWITCH PACK - DRIVER'S	DRIVER'S DOOR	—
DOOR SWITCH PACK - PASSENGER'S	PASSENGER'S DOOR	—
FOG LIGHT SWITCHES *	CENTER CONSOLE, LEFT	—
FUSE PANEL - LEFT	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
GEAR SELECTOR	CENTER CONSOLE	—
HAZARD AND HEATED REAR WINDOW SWITCH *	DRIVER'S UNDER DASH PANEL	SWITCHPACK
INSTRUMENT PACK	DRIVER'S SIDE DASH	—
INTERIOR LIGHTING SWITCH	RIGHT OF TRIP COMPUTER	—
LIGHTING AND TURN SIGNAL SWITCH	STEERING COLUMN, LEFT	REMOVE STEERING COLUMN TRIM
RADIO	CENTER CONSOLE	SWITCHPACK
RELAY - SIDE LIGHTS (LF10)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
TRANSMISSION MODE SWITCH	ADJACENT TO GEAR SELECTOR	CENTER CONSOLE TRIM

\* FOG LIGHT SWITCHES AND HAZARD / HEATED REAR WINDOW SWITCH LOCATIONS DIFFER DEPENDENT ON INSTALLED OPTIONS. CONNECTOR, PIN AND WIRE INFORMATION REMAINS THE SAME FOR ALL OPTIONS.

## CONNECTORS

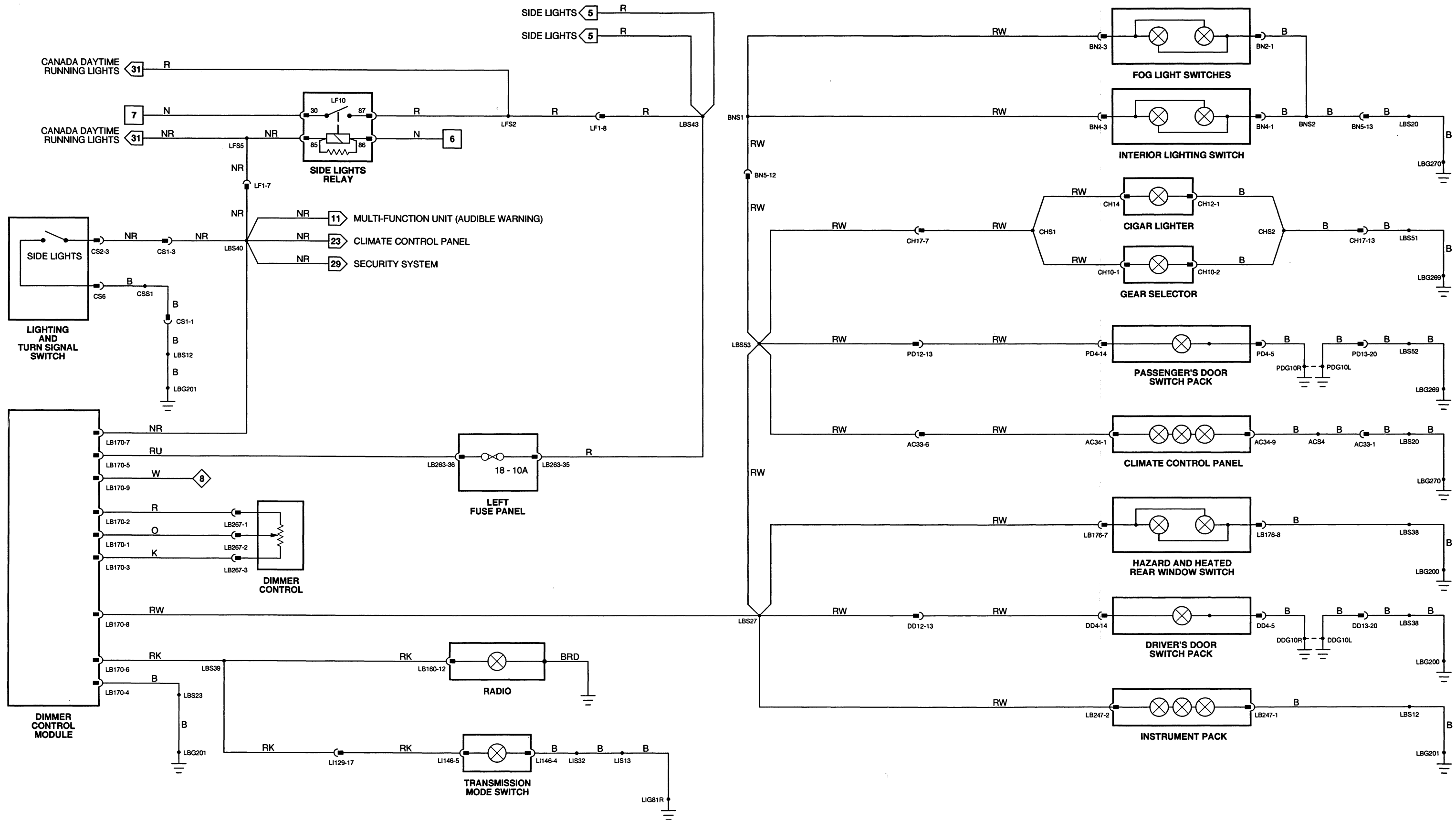
CODE	DESCRIPTION	LOCATION / INTERFACE
AC33	12-WAY MULTILOCK 40 (BLACK)	BELOW LOWER RIGHT A/C OUTLET / CLIMATE CONTROL HARNESS
AC34	12-WAY MULTILOCK 40 (BLACK)	BEHIND RADIO / CLIMATE CONTROL PANEL
BN2	8-WAY MULTILOCK 70 (WHITE)	BEHIND FOG LIGHT SW. / FOG LIGHT SW. LOCATE ILLUM.
BN4	6-WAY MULTILOCK 70 (WHITE)	BEHIND INTERIOR LIGHT SWITCH / INTERIOR LIGHT SW. LOCATE ILLUMINATION
BN5	20-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / INTERIOR LIGHTING SWITCH GROUND
CH10	2-WAY MULTILOCK 40 (BLACK)	GEAR SELECTOR MECHANISM / GEAR SELECTOR LOCATE ILLUMINATION
CH12	.250 BLADE (BLACK)	CENTER CONSOLE / CIGAR LIGHTER LOCATE ILLUMINATION
CH14	.250 BLADE (BLACK)	CENTER CONSOLE / CIGAR LIGHTER LOCATE ILLUMINATION
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RT. A/C OUTLET / BULKHEAD TO CENTER CONSOLE HARNESS
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS2	6-WAY SUMITOMO STD. (WHITE)	INSIDE STEERING COLUMN COWL / LIGHTING AND TURN SIGNAL SWITCH
CS6	.250 BLADE (WHITE)	LIGHTING STALK SWITCH GEAR / LIGHTING AND TURN SIGNAL SWITCH
DD4	14-WAY SUMITOMO BLOCK (SLATE)	DRIVER'S DOOR / DRIVER'S DOOR SWITCH PACK ILLUMINATION
DD12	13-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
DD13	20-WAY SUMITOMO BLOCK (BLACK)	INSIDE LEFT 'A' POST / DRIVER'S DOOR HARNESS
LB160	14-WAY MULTILOCK 70 (WHITE)	BEHIND RADIO / RADIO ILLUMINATION
LB170	RELAY BASE (BLACK)	LEFT COMPONENT PANEL / DIMMER CONTROL MODULE
LB176	10-WAY MULTILOCK 70 (WHITE)	BEHIND HAZARD SWITCH / HAZARD SWITCH ILLUMINATION
LB247	14-WAY HEWLETT PACKARD (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK ILLUMINATION
LB263	22-WAY FUSE PANEL (BLACK)	DRIVER'S UNDER DASH PANEL / LEFT FUSE PANEL
LB267	3-WAY PM 5 (PURPLE)	LEFT COMPONENT PANEL / DIMMER CONTROL MODULE
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / BULKHEAD HARNESS
LF10	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / SIDE LIGHT RELAY
LI129	24-WAY SUMITOMO BLOCK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / LUCAS INJECTION HARNESS
LI146	6-WAY MULTILOCK 40 (BLACK)	BEHIND GEAR SELECTOR / MODE CONTROL SWITCH
PD4	14-WAY SUMITOMO BLOCK (SLATE)	PASSENGER'S DOOR / PASSENGER'S DOOR SWITCH PACK ILLUM.
PD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PD13	20-WAY SUMITOMO BLOCK (WHITE)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
DDG10L	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
DDG10R	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LIG81R	EYELET	RIGHT BULKHEAD / POWER GROUND
PDG10L	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
PDG10R	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND

## INPUTS / OUTPUTS

DIMMER CONTROL MODULE			ACTIVE	INACTIVE
CODE	IN / OUT	CIRCUIT		
LB170-1	INPUT	LIGHTING DIMMER POTENTIOMETER	MAX: APPROX. 13V	MIN: APPROX. 6V
LB170-2	INPUT	LIGHTING DIMMER POTENTIOMETER	MAX: APPROX. 14V	MIN: APPROX. 6V
LB170-3	INPUT	LIGHTING DIMMER POTENTIOMETER	MAX: APPROX. 13V	MIN: APPROX. 7V
LB170-4	INPUT	POWER GROUND	GROUND	GROUND
LB170-5	INPUT	SIDE LIGHTS ON	LIGHTS ON: 12V	LIGHTS OFF: OPEN CIRCUIT
LB170-6	OUTPUT	RADIO ILLUMINATION	LIGHTS ON: 12V	LIGHTS OFF: 0V
LB170-7	INPUT	SIDE LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB170-8	OUTPUT	LOCATE LIGHTING	MAX: APPROX. 11V	MIN: APPROX. 4.5V
LB170-9	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: 0V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 9 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ANTI-SLOSH MODULE	LEFT REAR COMPONENT PANEL	LEFT TRUNK TRIM
COOLANT LEVEL SENSOR	RIGHT INNER WHEEL ARCH ON RESERVOIR	ENGINE COMPARTMENT
COOLANT LEVEL TRANSMITTER	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
COOLANT TEMPERATURE TRANSMITTER	ENGINE, RIGHT FRONT	ENGINE COMPARTMENT
DIODE - LBD3	6" BEHIND INSTRUMENT PACK CONNECTOR	DRIVER'S UNDER DASH PANEL
DIODE - RHD2	CENTER CONSOLE BELOW GLOVE BOX	CENTER CONSOLE
FUEL LEVEL TRANSMITTER	FUEL TANK	TRUNK
INSTRUMENT PACK	DRIVER'S SIDE DASH	LEFT UNDER DASH PANEL
LOW BRAKE FLUID LEVEL SWITCH	BRAKE FLUID RESERVOIR	BRAKE FLUID RESERVOIR
MULTI-FUNCTION UNIT	BEHIND PASSENGER'S UNDER DASH PANEL	RIGHT UNDER DASH PANEL
OIL PRESSURE SWITCH	BETWEEN A&B BANK, REAR OF ENGINE	ENGINE COMPARTMENT
OIL PRESSURE TRANSMITTER	BETWEEN A&B BANK, REAR OF ENGINE	ENGINE COMPARTMENT
PARKING BRAKE SWITCH	PARKING BRAKE HANDLE	REMOVE BRAKE HANDLE TRIM
WASHER RESERVOIR LEVEL SENSOR	BELOW UPPER RADIATOR HOSE	ENGINE COMPARTMENT

## CONNECTORS

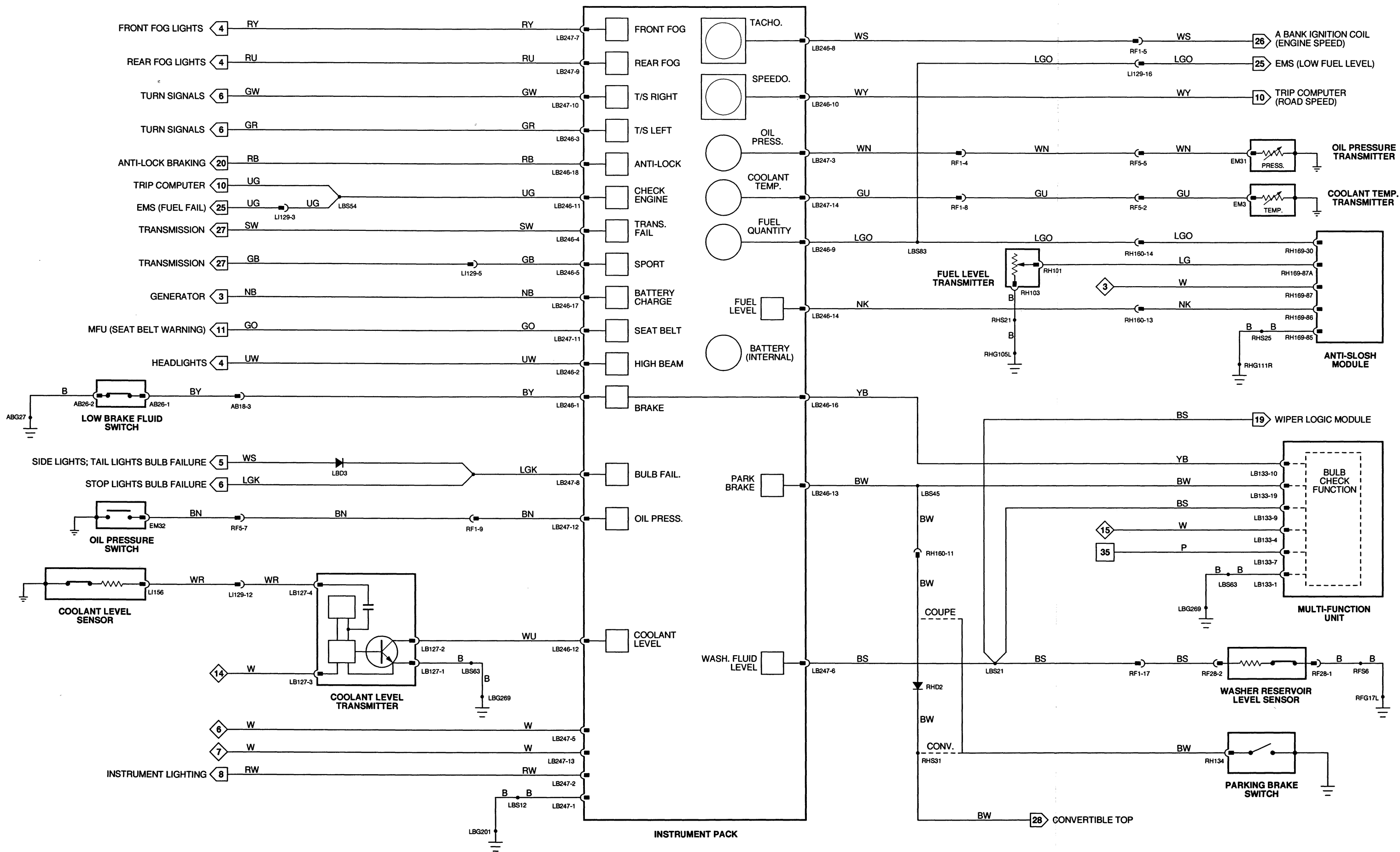
CODE	DESCRIPTION	LOCATION / INTERFACE
AB18	8-WAY SUMITOMO STD. (RED)	BELOW LEFT A/C OUTLET / ABS HARNESS
AB26	2-WAY LUCAR (BLACK)	BRAKE FLUID RESERVOIR / LOW BRAKE FLUID LEVEL SWITCH
EM3	.250 BLADE (WHITE)	UNDER RIGHT SIDE AIR CLEANER / COOLANT TEMPERATURE TRANSMITTER
EM31	EYELET (WHITE)	REAR CENTER OF ENGINE VEE / OIL PRESSURE TRANSMITTER
EM32	.250 BLADE (WHITE)	REAR OF ENGINE VEE ON OIL PRESSURE SWITCH / OIL PRESSURE SWITCH
LB127	4-WAY MULTILOCK 70 (WHITE)	BEHIND RIGHT COMPONENT PANEL / COOLANT LEVEL TRANSMITTER
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI-FUNCTION UNIT
LB246	18-WAY HEWLETT PACKARD (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK ILLUMINATION
LB247	14-WAY HEWLETT PACKARD (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK ILLUMINATION
LI129	24-WAY SUMITOMO BLOCK (BLACK)	BELOW RIGHT A/C OUTLET / COOLANT LEVEL SENSOR HARNESS
LI156	.250 BLADE (BLACK)	COOLANT RESERVOIR / COOLANT LEVEL SENSOR
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RF5	8-WAY ECONOSEAL III LC (BLACK)	RIGHT FRONT INNER FENDER BEHIND AIR FILTER / RIGHT FORWARD HARNESS
RF28	3-WAY PM 5 (RED)	RIGHT 'A' POST / WASHER RESERVOIR LEVEL SENSOR
RH101	.250 BLADE (WHITE)	FUEL TANK / FUEL LEVEL TRANSMITTER
RH103	.250 BLADE (WHITE)	FUEL TANK / FUEL LEVEL TRANSMITTER
RH134	.250 BLADE (WHITE)	UNDER PARK BRAKE TRIM / PARK BRAKE SWITCH
RH180	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH189	RELAY BASE (BLACK)	LEFT TRUNK BEHIND GAS STRUT SUPPORT / ANTI-SLOSH MODULE

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
ABG27	EYELET	LEFT BULKHEAD / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RFG17L	EYELET	TOP RIGHT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG105L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG111R	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND

## INPUTS / OUTPUTS

ANTI-SLOSH MODULE		NOTE: PERFORM TEST WITH ANTI-SLOSH MODULE DISCONNECTED / PROBE RELAY BASE		
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RH169-30	OUTPUT	LOW FUEL LEVEL	TANK FULL: 1V	TANK EMPTY: 12V
RH169-85	INPUT	POWER GROUND	GROUND	GROUND
RH169-86	OUTPUT	FUEL LEVEL	TANK FULL: 1V	TANK EMPTY: 12V
RH169-87	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
RH169-87A	INPUT	FUEL LEVEL	TANK FULL: GROUND	TANK EMPTY: BATTERY VOLTAGE
MULTI-FUNCTION UNIT				
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-9	INPUT	WASHER FLUID RESERVOIR	RESERVOIR FULL: 12V	RESERVOIR EMPTY: GROUND
LB133-10	OUTPUT	ABS BULB CHECK	ABS LIGHT ON: GROUND	ABS LIGHT OFF: 12V
LB133-19	OUTPUT	PARK BRAKE BULB CHECK	PARK LIGHT ON: GROUND	PARK LIGHT OFF: 12V



BATTERY POWER (FIG 1)
  IGNITION POWER (FIG 2)
  FIG NUMBER REFERENCE

# FIG 10 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
SPEED INTERFACE UNIT	TRUNK, LEFT	REMOVE LEFT TRIM
SPEED SENSOR	DIFFERENTIAL	BENEATH VEHICLE
TRIP COMPUTER	CENTER CONSOLE	—

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BN3	10-WAY SUMITOMO STD. (RED)	BEHIND TRIP COMPUTER / TRIP COMPUTER
BN5	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER RIGHT A/C OUTLET / BINNACLE HARNESS
L1129	24-WAY SUMITOMO BLOCK (RED)	BELOW RIGHT A/C OUTLET / BULKHEAD HARNESS
RH114	4-WAY MULTILOCK 40 (BLACK)	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT / SPEED INTERFACE UNIT
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

## GROUND

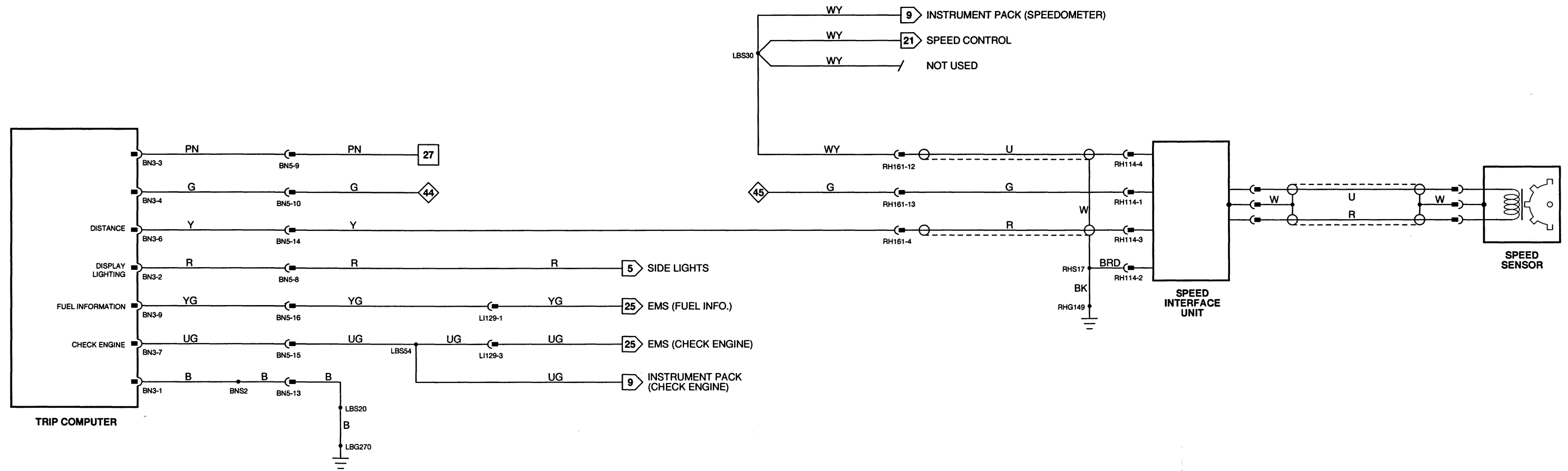
CODE	DESCRIPTION	LOCATION / INTERFACE
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND

## INPUTS / OUTPUTS

### TRIP COMPUTER AND MESSAGE DISPLAY

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
BN3-1	INPUT	POWER GROUND	GROUND	GROUND
BN3-2	INPUT	LIGHTING DISPLAY	LIGHTS ON: 12V	LIGHTS OFF: 0V
BN3-3	INPUT	BATTERY POWER	12V	12V
BN3-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: 0V
BN3-6	INPUT	DISTANCE TRAVELED	AC VOLTS INCREASE W/ROAD SPEED	KEY ON: APPROX. 5V AC
BN3-7	INPUT	CHECK ENGINE LIGHT	LIGHTS ON: APPROX. 1V	LIGHTS OFF: 12V
BN3-9	INPUT	FUEL INFORMATION	AC VOLTS INCREASE W/ENGINE RPM	0 ENGINE RPM: 0V AC





# FIG 11 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH - DRIVER'S	LEFT 'A' POST	LEFT UNDER DASH PANEL
"KEY IN" SWITCH	STEERING COLUMN, RIGHT	COLUMN TRIM
LIGHTING AND TURN SIGNAL SWITCH	STEERING COLUMN, LEFT	REMOVE STEERING COLUMN TRIM
MULTI-FUNCTION UNIT	BEHIND PASSENGER'S UNDER DASH PANEL	RIGHT UNDER DASH PANEL
RELAY - SIDE LIGHTS (LF10)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
SEAT BELT SWITCH - DRIVER'S	SEAT BELT LATCH	BASE OF LEFT SEAT MECHANISM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CS1	20-WAY SUMITOMO BLOCK (WHITE)	STEERING COLUMN, LEFT / COLUMN SWITCH GEAR HARNESS
CS2	6-WAY SUMITOMO STD. (WHITE)	LIGHTING STALK SWITCH GEAR / LIGHTING AND TURN SIGNAL SWITCH
CS6	.250 BLADE (WHITE)	LIGHTING AND TURN SIGNAL SWITCH / BULKHEAD HARNESS; SWITCH GEAR
DSM3	2-WAY MULTILOCK 40 (BLACK)	BEHIND DRIVER'S SEAT CONTROL MODULE / SEAT SWITCH
DSM8	3-WAY PM5 (BLACK)	BY DRIVER'S SEAT CONTROL UNIT / DRIVER'S SEAT BELT HARNESS
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI-FUNCTION UNIT
LB188	2-WAY SUMITOMO STD. (WHITE)	LEFT UNDER DASH 6 IN. FROM 'A' POST SWITCH / DRIVER'S DOOR SWITCH
LB203	2-WAY MULTILOCK 40 (BLACK)	ADJACENT TO STEERING COLUMN / KEY IN SWITCH
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / BULKHEAD HARNESS
LF10	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / SIDE LIGHTS RELAY
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / RIGHT SIDE HARNESS

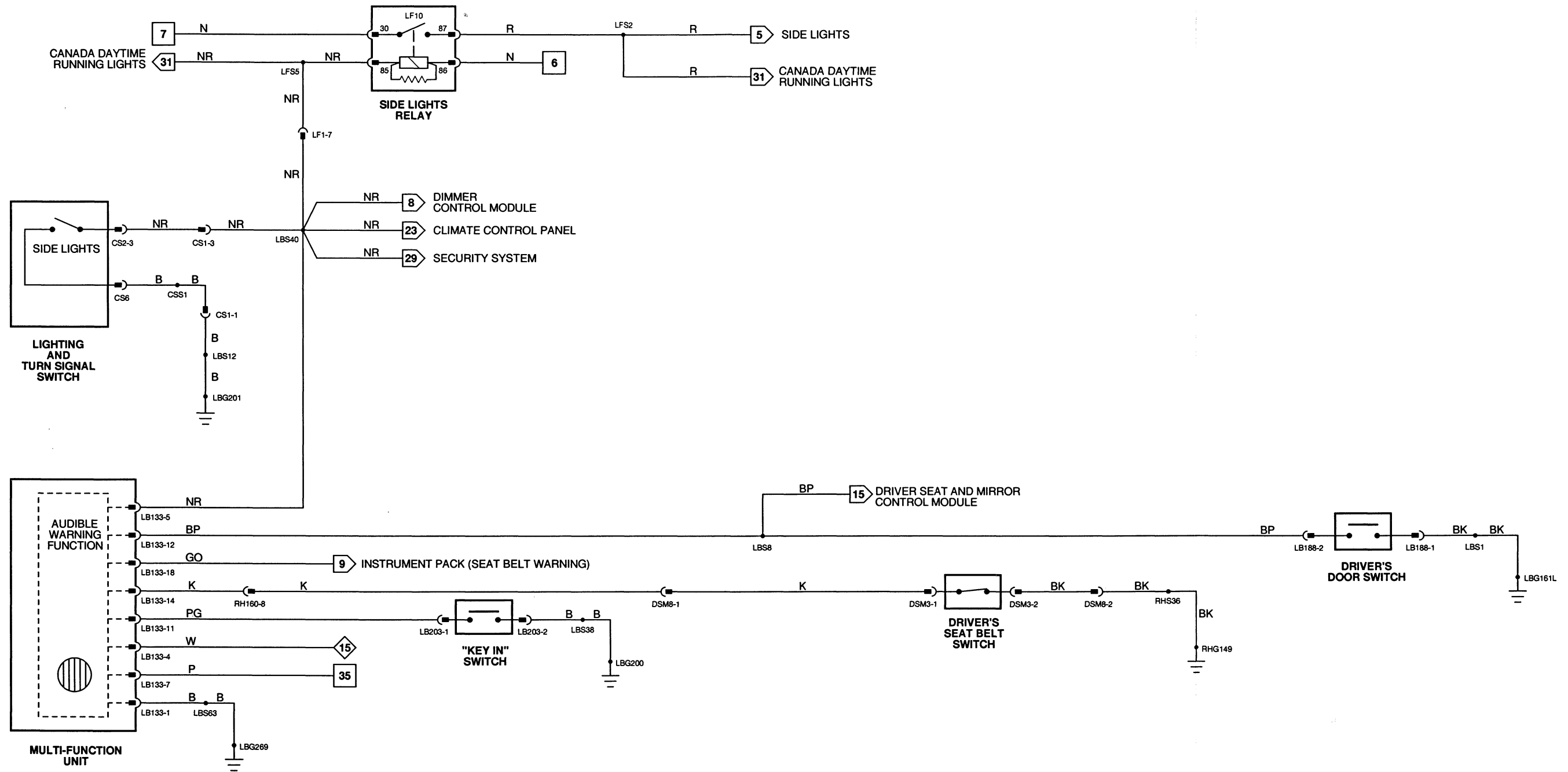
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT/ LOGIC GROUND

## INPUTS / OUTPUTS

### MULTI-FUNCTION UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-5	INPUT	SIDELIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-11	INPUT	KEY IN SWITCH	KEY IN: GROUND	KEY OUT: 12V
LB133-12	INPUT	DRIVER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB133-14	INPUT	DRIVER'S SEAT BELT SWITCH	BELT LATCHED: GROUND	BELT UNLATCHED: OPEN CIRCUIT
LB133-18	OUTPUT	INSTRUMENT PACK WARNINGS	LIGHT ON: GROUND	LIGHT OFF: 12V



# FIG 12 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR LOCK CONTROL MODULE	INSIDE RIGHT 'A' POST	RIGHT 'A' POST TRIM
DOOR LOCK - DRIVER'S	DRIVER'S DOOR	REMOVE DOOR TRIM
DOOR LOCK - PASSENGER'S	PASSENGER'S DOOR	REMOVE DOOR TRIM
FUEL FILLER FLAP	LEFT REAR FENDER	REMOVE LEFT TRUNK TRIM
TRUNK LOCK MOTOR	ABOVE TRUNK LINKAGE	TRUNK LID

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BL7	2-WAY SUMITOMO STD. (WHITE)	TRUNK LOCK / TRUNK LOCK MOTOR
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / TRUNK LOCK HARNESS
DD5	6-WAY SUMITOMO STD. (WHITE)	DRIVER'S DOOR / DRIVER'S DOOR LOCK MOTOR
DD13	20-WAY SUMITOMO BLOCK (WHITE)	LEFT 'A' POST / DD HARNESS
LB138	14-WAY REINSHAGEN (BLACK)	INSIDE LOWER RIGHT 'A' POST/ DOOR LOCK CONTROL MODULE
PD5	6-WAY SUMITOMO STD. (WHITE)	PASSENGER'S DOOR / PASSENGER'S DOOR LOCK MOTOR
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PD HARNESS
RH125	3-WAY PM 5 (YELLOW)	TOP OF FUEL TANK AT FILLER NECK / FUEL FILLER FLAP SOLENOID
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

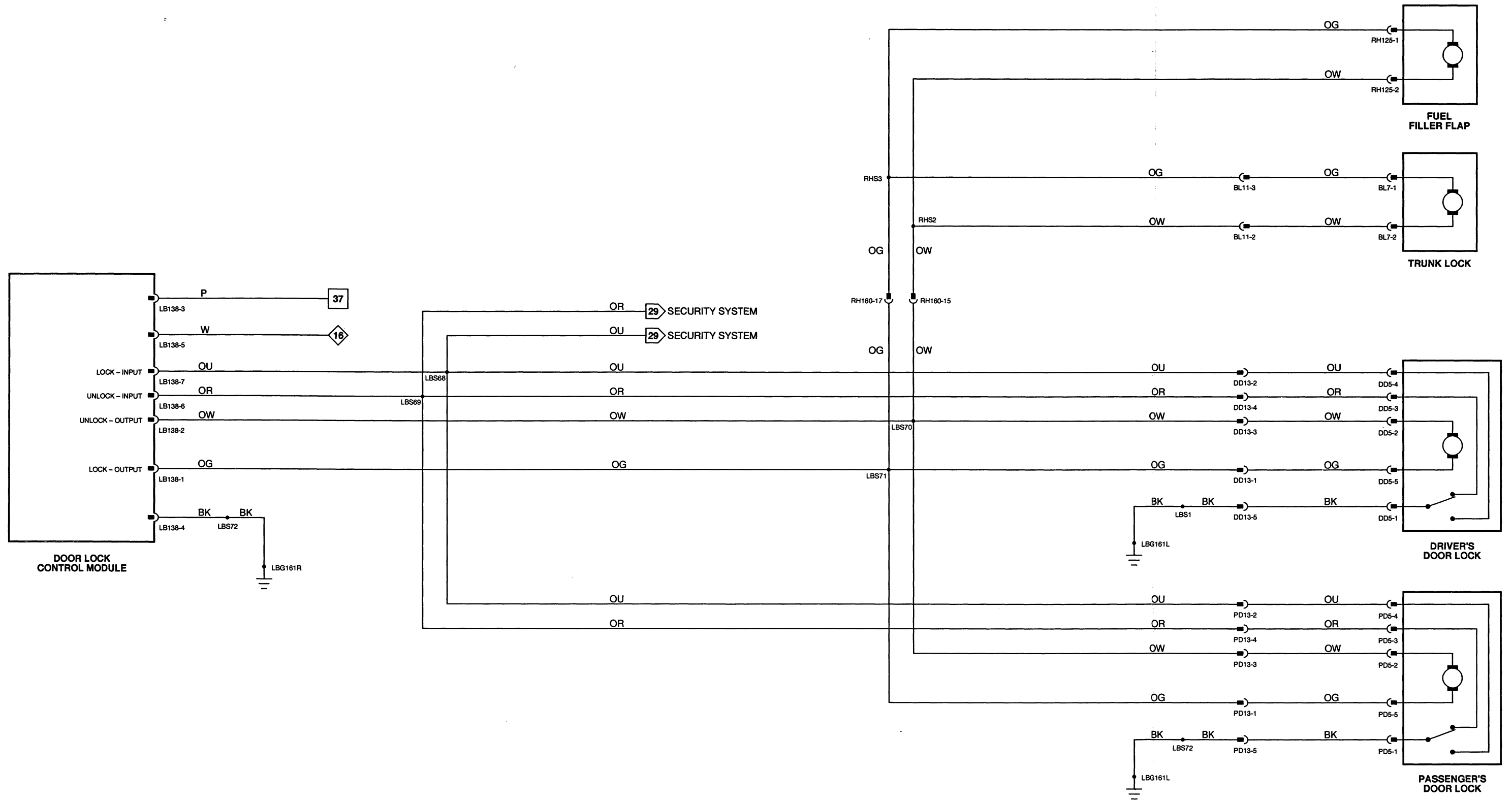
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG161R	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND

## INPUTS / OUTPUTS

### DOOR LOCK CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB138-1	OUTPUT	LOCK MOTOR DRIVE	12V	0V
LB138-2	OUTPUT	UNLOCK MOTOR DRIVE	12V	0V
LB138-3	INPUT	BATTERY POWER	12V	12V
LB138-4	INPUT	POWER GROUND	GROUND	GROUND
LB138-5	INPUT	IGNITION SWITCHED POWER	12V	0V
LB138-6	INPUT	DOOR UNLOCK INPUT	GROUND	OPEN CIRCUIT
LB138-7	INPUT	DOOR LOCK INPUT	GROUND	OPEN CIRCUIT



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 13 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
WINDOW LIFT MOTOR – DRIVER'S	DRIVER'S DOOR	REMOVE TRIM
WINDOW LIFT MOTOR – PASSENGER'S	PASSENGER'S DOOR	REMOVE TRIM
WINDOW SWITCH – DRIVER'S	CENTER CONSOLE, LEFT	—
WINDOW SWITCH – PASSENGER'S	CENTER CONSOLE, RIGHT	—

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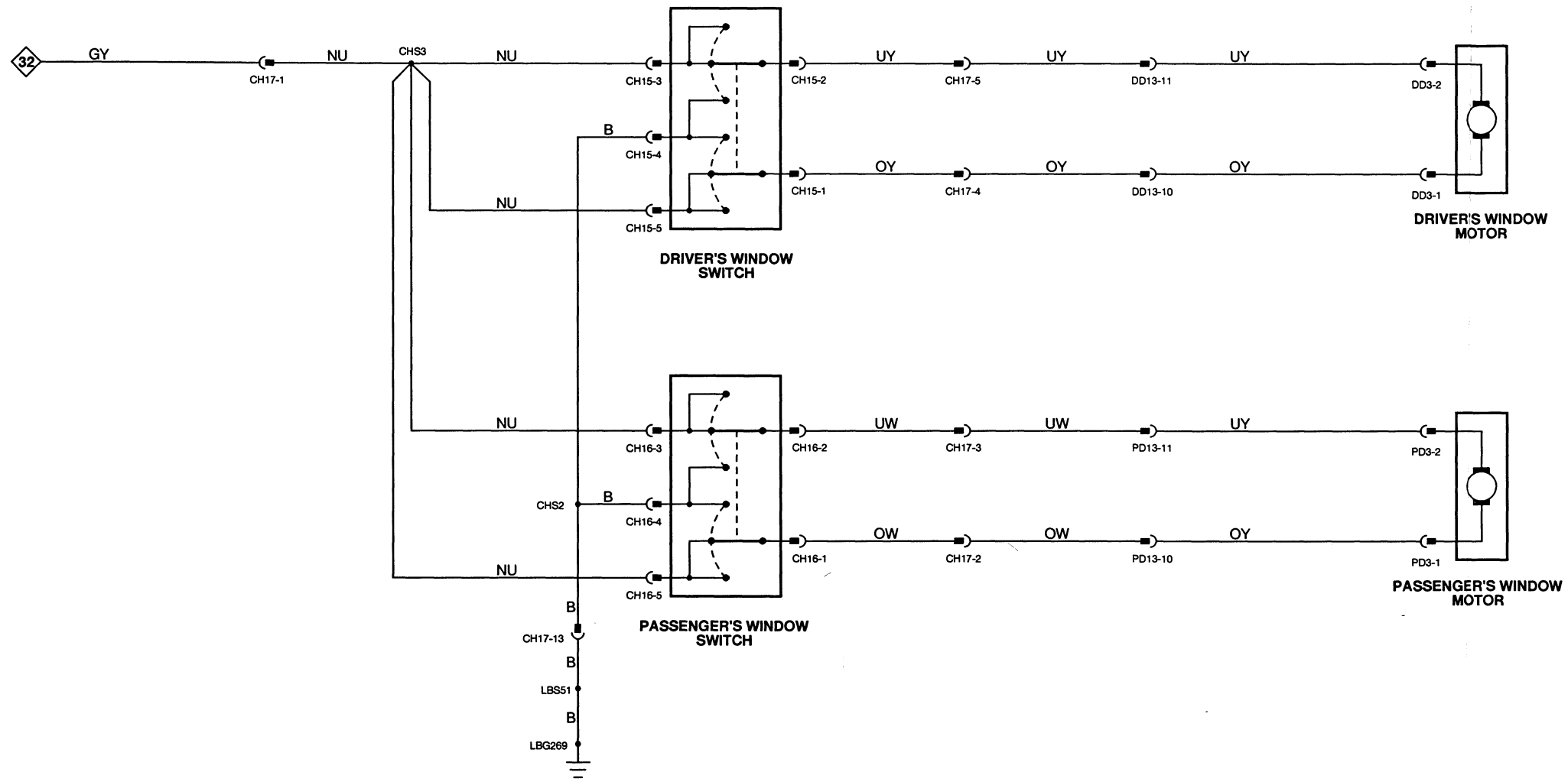
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CH15	6-WAY PIN AMP (WHITE)	CENTER CONSOLE / DRIVER'S WINDOW SWITCH
CH16	6-WAY PIN AMP (WHITE)	CENTER CONSOLE / PASSENGER'S WINDOW SWITCH
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER CONSOLE HARNESS
DD3	3-WAY PM 5 (BLACK)	DRIVER'S DOOR / DRIVER'S WINDOW LIFT MOTOR
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DD HARNESS
PD3	3-WAY PM 5 (BLACK)	PASSENGER'S DOOR / PASSENGER'S WINDOW LIFT MOTOR
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PD HARNESS

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## GROUND S

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 14 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ACCESSORY CONNECTOR - BULKHEAD (LB157)	BELOW LOWER RIGHT A/C OUTLET	REMOVE RIGHT SIDE CHECK PANEL
ACCESSORY CONNECTOR - TRUNK (RH157)	BEHIND LEFT TAIL LIGHT	LEFT TRUNK TRIM PANEL
CIGAR LIGHTER	CENTER CONSOLE	—
DIODE - RFD3	6" FROM LEFT HORN IN HARNESS	—
HORN SWITCH	STEERING WHEEL	—
HORN - LEFT	BELOW FRONT BUMPER, CENTER LEFT	—
HORN - RIGHT	BELOW FRONT BUMPER, CENTER RIGHT	—
RELAY - HORN (RF2)	RIGHT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, RIGHT
TELEPHONE ANTENNA	REAR WINDOW GLASS	TRUNK
TELEPHONE CHARGE CONNECTOR	CENTER CONSOLE	—
TELEPHONE HANDSET	CENTER CONSOLE	—
TELEPHONE MICROPHONE	LEFT 'A' POST AT WINDSHIELD	—
TELEPHONE SPEAKER	CENTER CONSOLE	—
TELEPHONE TRANSCEIVER	TRUNK BELOW BATTERY	BATTERY TRIM COVER

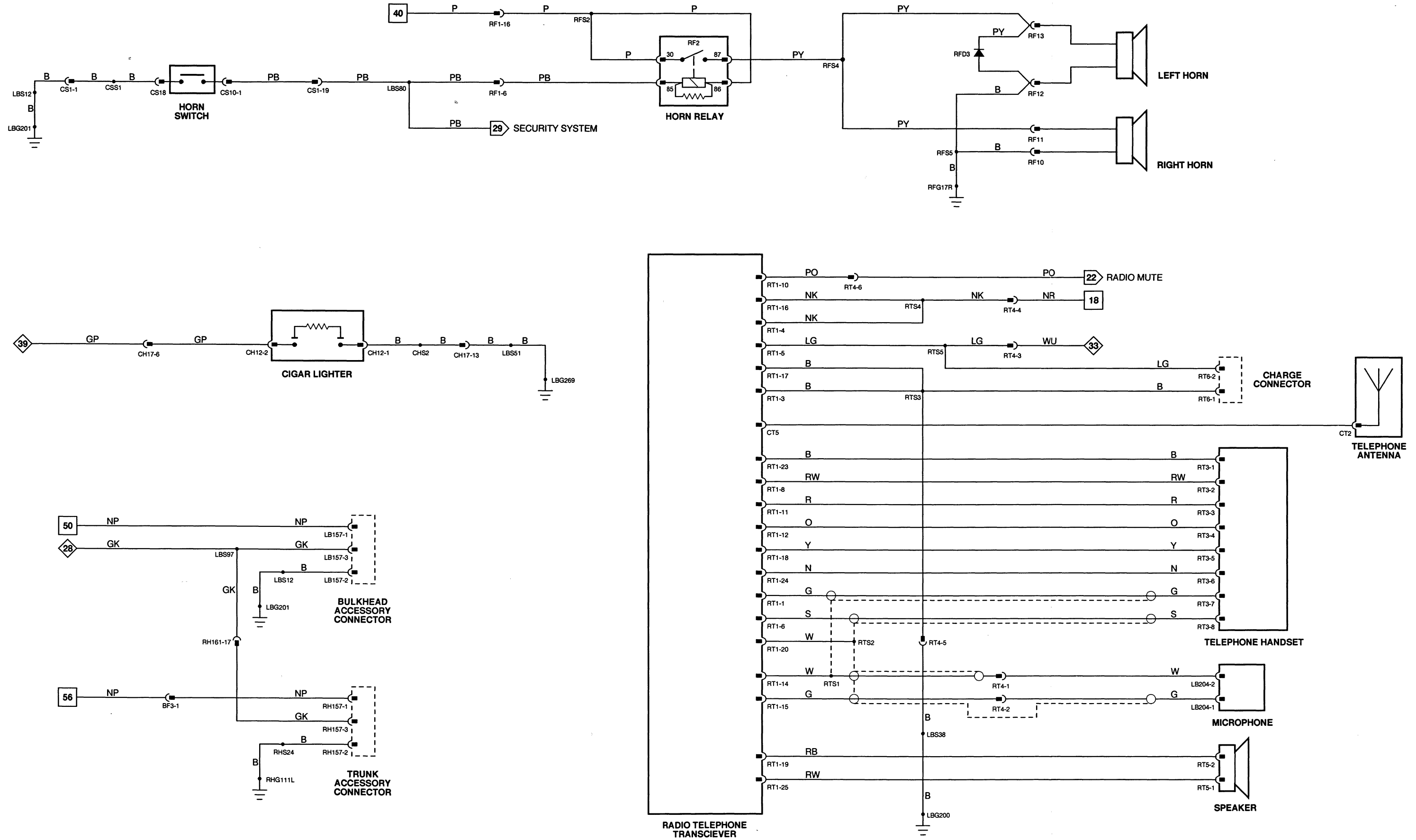
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BF3	10-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
CH12	.250 BLADE (BLACK)	CENTER CONSOLE / CIGAR LIGHTER
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER CONSOLE HARNESS
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS10	1-WAY RIST CONNECTOR (BLACK)	HORN CONTACT / HORN RING
CS18	SOCKET	STEERING COLUMN / HORN GROUNDING RING
CT2	1-WAY SPADE (BLACK)	ABOVE LEFT REAR WHEEL WELL / TELEPHONE ANTENNA
LB157	4-WAY SUMITOMO (WHITE)	BELOW LOWER RIGHT A/C OUTLET / BULKHEAD ACCESSORY CONNECTOR
LB204	SPADE (BLACK)	LEFT "A" POST, HALFWAY UP / TELEPHONE MICROPHONE
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT "A" POST / RF HARNESS
RF2	RELAY BASE (BLACK)	RIGHT FRONT COMPONENT PANEL / HORN RELAY
RF10	.250 BLADE (BLACK)	RIGHT FRONT HORN / HORN
RF11	250 BLADE (BLACK)	RIGHT FRONT HORN / HORN
RF12	250 BLADE (BLACK)	LEFT FRONT HORN / HORN
RF13	250 BLADE (BLACK)	LEFT FRONT HORN / HORN
RH157	3-WAY SUMITOMO STANDARD	ABOVE LEFT REAR WHEEL WELL / ACCESSORY CONNECTOR
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RT1	25-WAY TRANSCEIVER CONNECTOR (BLACK)	BELOW BATTERY TRAY / TELEPHONE TRANSCEIVER
RT3	8-WAY STANDARD PHONE JACK (BLACK)	CENTER CONSOLE BELOW GLOVE BOX / TELEPHONE HANDSET
RT4	12-WAY MULTILOCK 40 (BLACK)	BEHIND SPARE TIRE, FUEL TANK TRIM / REARWARD HARNESS
RT5	PART OF RT1 HARNESS (SEE RT1 ABOVE)	
RT6	2-WAY MULTILOCK 40 (BLUE)	CENTER CONSOLE BELOW GLOVE BOX / CHARGER CONNECTION

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RFG17R	EYELET	RIGHT FRONT BULKHEAD / POWER GROUND
RHG111L	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND





□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FG NUMBER REFERENCE

# FIG 15 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH PACK - DRIVER'S	DRIVER'S DOOR	REMOVE TRIM
DOOR SWITCH - DRIVER'S	LEFT 'A' POST	LEFT UNDER DASH PANEL
LUMBAR PUMP - DRIVER'S	DRIVER'S SEAT BACK	—
MIRROR ADJUST SWITCH PACK	RIGHT OF STEERING COLUMN ON FASCIA	LEFT UNDER DASH PANEL
MIRROR - DRIVER'S	DRIVER'S DOOR	—
MIRROR - PASSENGER'S	PASSENGER'S DOOR	—
RELAY - REVERSE LIGHTS (RH184)	ABOVE RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM PANEL
REVERSE LIGHT SWITCH	ADJACENT TO GEARSHIFT LINKAGE	CENTER CONSOLE TRIM
SEAT AND MIRROR CONTROL MODULE - DRIVER'S	FRONT OF DRIVER'S SEAT	REMOVE FOOTWELL COVER
SEAT MOTORS - DRIVER'S	BASE OF SEAT FRAME	REMOVE LOWER SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD1	4-WAY SUMITOMO SEALED (GREEN)	INNER DRIVER'S DOOR BELOW MIRROR / DRIVER'S MIRROR MOTORS
DD2	6-WAY SUMITOMO SEALED (GREEN)	INNER DRIVER'S DOOR BELOW MIRROR / DRIVER'S MIRROR MOTORS
DD4	14-WAY SUMITOMO BLOCK (SLATE)	BEHIND DRIVER'S DOOR TRIM / DRIVER'S DOOR SWITCH PACK
DD12	13-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / DD HARNESS
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT INNER 'A' POST / DD HARNESS
DS1	24-WAY SUMITOMO BLOCK (WHITE)	LEFT 'A' POST / DRIVER'S SEAT HARNESS
DS2	48-WAY AMP PCB SIGNAL (BLACK)	UNDER CARPET, FRONT OF DRIVER'S SEAT / DRIVER'S SEAT AND MIRROR CONTROL MODULE
DS3	12-WAY AMP PCB POWER (BLACK)	UNDER CARPET, FRONT OF DRIVER'S SEAT / DRIVER'S SEAT AND MIRROR CONTROL MODULE
DS6	16-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
DSM1	20-WAY AMP PCB POWER (BLACK)	FRONT OF DRIVER'S SEAT / CONTROL MODULE OUTPUT TO SEAT MOTORS
DSM6	3-WAY MULTILOCK 70 (YELLOW)	BELOW DRIVER'S SEAT PAD / DRIVER'S SEAT LUMBAR PUMP
GS1	13-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / GEARSHIFT CONTROL MODULE
GS4	.250 BLADE (RED)	ADJACENT TO GEARSHIFT LINKAGE IN CENTER CONSOLE / REVERSE LIGHT SWITCH
GS5	.250 BLADE (RED)	ADJACENT TO GEARSHIFT LINKAGE IN CENTER CONSOLE / REVERSE LIGHT SWITCH
LB171	8-WAY MULTI-PLUG (BLACK)	BEHIND MIRROR SWITCH / MIRROR ADJUST SWITCH PACK
LB188	2-WAY SUMITOMO STD. (WHITE)	LEFT UNDER DASH PANEL 6 IN. FROM 'A' POST / DRIVER'S DOOR SWITCH
PD1	4-WAY SUMITOMO SEALED (GREEN)	INNER PASSENGER'S DOOR BELOW MIRROR / PASSENGER'S MIRROR MOTORS
PD2	6-WAY SUMITOMO SEALED (GREEN)	INNER PASSENGER'S DOOR BELOW MIRROR / PASSENGER'S MIRROR MOTORS
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT INNER 'A' POST / PD HARNESS
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH184	RELAY BASE (BLUE)	ABOVE RIGHT REAR WHEEL ARCH / REVERSE LIGHTS RELAY
SM5	6-WAY MULTILOCK 70 (WHITE)	BELOW DRIVER'S SEAT PAD / DRIVER'S SEAT RECLINE MOTOR
SM7	6-WAY MULTILOCK 70 (SLATE)	BELOW DRIVER'S SEAT PAD / DRIVER'S SEAT FORE/AFT MOTOR

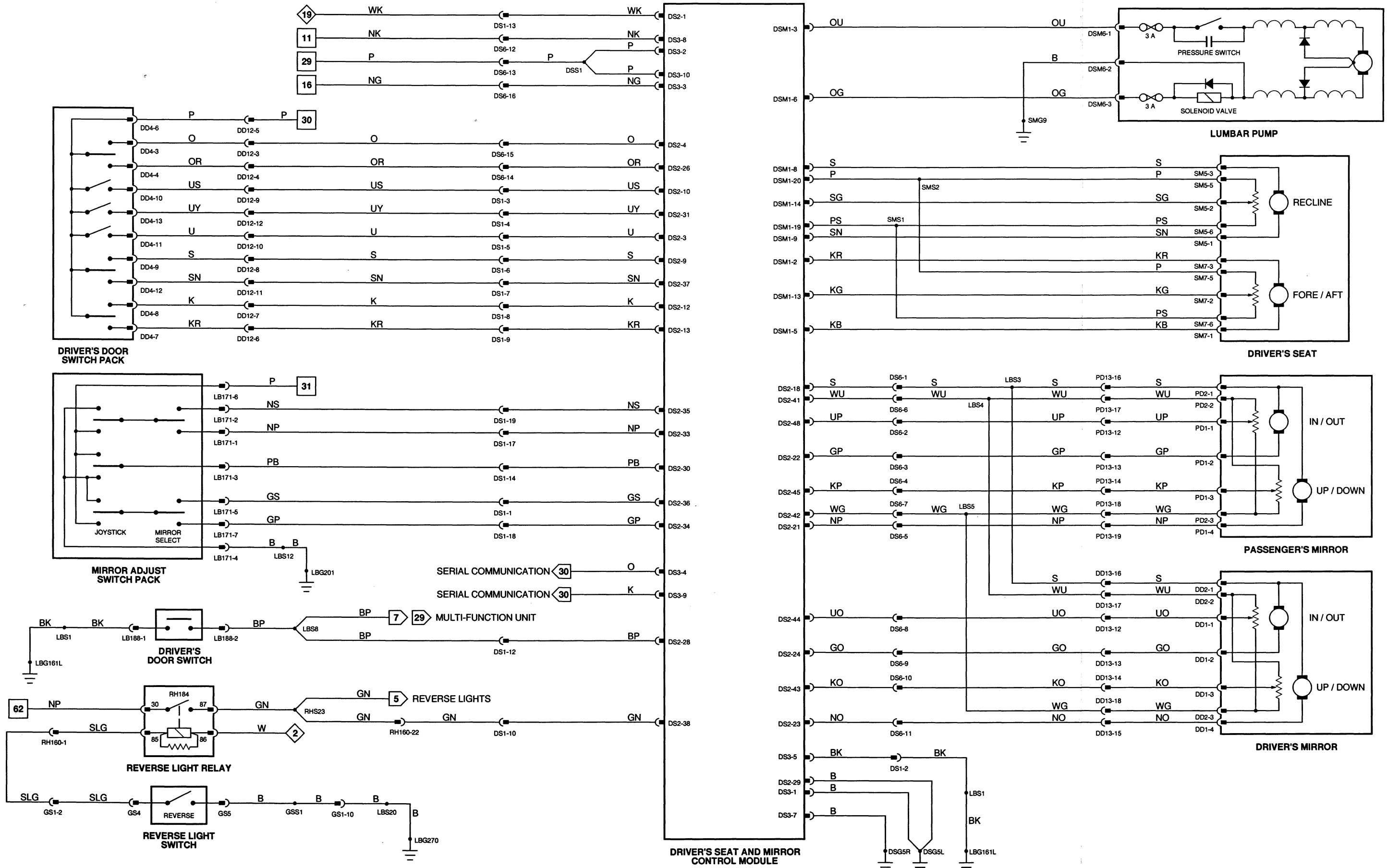
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
DSG5L	EYELET	DRIVER'S FOOTWELL, LEFT FRONT OF SEAT SUPPORT / POWER GROUND
DSG5R	EYELET	DRIVER'S FOOTWELL, LEFT FRONT OF SEAT SUPPORT / POWER GROUND
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND

## INPUTS / OUTPUTS

### DRIVER'S SEAT AND MIRROR CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
DS2-1	INPUT	IGNITION SWITCHED POWER	12V	0V
DS2-3	INPUT	SEAT MEMORY "M"	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-4	INPUT	DRIVER'S SEAT BACK RECLINE	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-9	INPUT	DRIVER'S LUMBAR PUMP DEFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-10	INPUT	SEAT MEMORY "1"	12V	0V
DS2-12	INPUT	DRIVER'S SEAT MOTOR AFT	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-13	INPUT	DRIVER'S SEAT MOTOR FORWARD	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-18	OUTPUT	PASSENGER'S MIRROR MOTOR DRIVE	IN OR DOWN POSITION: 12V	0V
DS2-21	OUTPUT	PASSENGER'S MIRROR MOTOR DRIVE	IN OR UP POSITION: 12V	0V
DS2-22	OUTPUT	PASSENGER'S MIRROR MOTOR DRIVE	DOWN OR OUT POSITION: 12V	0V
DS2-23	OUTPUT	DRIVER'S MIRROR MOTOR DRIVE	UP OR OUT POSITION: 12V	0V
DS2-24	OUTPUT	DRIVER'S MIRROR MOTOR DRIVE	IN OR DOWN POSITION: 12V	0V
DS2-26	INPUT	DRIVER'S SEAT BACK UP	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-28	INPUT	DRIVER'S 'A' POST SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
DS2-29	OUTPUT	POWER GROUND	GROUND	GROUND
DS2-30	INPUT	("REVERSE SELECT") MIRROR MOTOR DRIVE	MIRROR BUTTON PRESSED: 12V	BUTTON RELEASED: 0V
DS2-31	INPUT	SEAT MEMORY "2"	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-33	INPUT	DRIVER'S MIRROR UP	12V	0V
DS2-34	INPUT	DRIVER'S MIRROR IN	12V	0V
DS2-35	INPUT	PASSENGER'S MIRROR UP	12V	0V
DS2-36	INPUT	PASSENGER'S MIRROR OUT	12V	0V
DS2-37	INPUT	DRIVER'S LUMBAR PUMP INFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-38	INPUT	REVERSE SWITCH	"R" SELECTED: 12V	0V
DS2-41	OUTPUT	MIRROR POTENTIOMETER REF. VOLTAGE	"M" DEPRESSED: APPROX. 4.5V	0V
DS2-42	OUTPUT	MIRROR POTENTIOMETER GROUND	GROUND	GROUND
DS2-43	INPUT	DRIVER'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL UP: APPROX. 4.5V	DOWN: .3V
DS2-44	INPUT	DRIVER'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL OUT: APPROX. 1V	IN: 3.5V
DS2-45	INPUT	PASSENGER'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL UP: APPROX. 4.5V	DOWN .3V
DS2-48	INPUT	PASSENGER'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL OUT: APPROX. 3.5V	IN: 1V
DS3-1	INPUT	POWER GROUND	GROUND	GROUND
DS3-2	INPUT	BATTERY POWER	12V	12V
DS3-3	INPUT	BATTERY POWER	12V	12V
DS3-4	OUTPUT	DIAGNOSTIC SOCKET	—	—
DS3-5	INPUT	POWER GROUND	GROUND	GROUND
DS3-7	INPUT	POWER GROUND	GROUND	GROUND
DS3-8	INPUT	BATTERY POWER	12V	12V
DS3-9	OUTPUT	DIAGNOSTIC SOCKET	—	—
DS3-10	INPUT	BATTERY POWER	12V	12V
SM1-2	OUTPUT	DRIVER'S SEAT FORE/AFT MOTOR	12V	0V
SM1-3	OUTPUT	DRIVER'S LUMBAR PUMP	12V	0V
SM1-5	OUTPUT	DRIVER'S SEAT FORE/AFT MOTOR	12V	0V
SM1-6	OUTPUT	DRIVER'S LUMBAR PUMP	12V	0V
SM1-8	OUTPUT	DRIVER'S SEAT RECLINE MOTOR	12V	0V
SM1-9	OUTPUT	DRIVER'S SEAT RECLINE MOTOR	12V	0V
SM1-13	INPUT	DRIVER'S SEAT FORE/AFT POTENTIOMETER	FULL BACK: APPROX. 0.3V	FORWARD: 4.0V
SM1-14	INPUT	DRIVER'S SEAT RECLINE POTENTIOMETER	RECLINED: 4.0V	VERTICAL: 1.0V
SM1-19	OUTPUT	DRIVER'S SEAT POTENTIOMETER REFERENCE GROUND	GROUND	GROUND
SM1-20	OUTPUT	DRIVER'S SEAT POTENTIOMETER REFERENCE VOLTAGE	"M" DEPRESSED: APPROX. 4.5V	0V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 16 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH PACK - PASSENGER'S	PASSENGER'S DOOR	REMOVE TRIM
DOOR SWITCH - PASSENGER'S	RIGHT 'A' POST	RIGHT UNDER DASH PANEL
LUMBAR PUMP - PASSENGER'S	PASSENGER'S SEAT BACK	—
SEAT CONTROL MODULE - PASSENGER'S	IN FRONT OF PASSENGER'S SEAT	REMOVE FOOTWELL COVER
SEAT MOTORS - PASSENGER'S	BASE OF SEAT FRAME	REMOVE LOWER SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB140	2-WAY SUMITOMO STD. (WHITE)	LEFT UNDER DASH PANEL 6" FROM DOOR SWITCH / PASSENGER'S DOOR SWITCH
PD4	14-WAY SUMITOMO BLOCK (SLATE)	BEHIND PASSENGER'S DOOR TRIM / PASSENGER'S DOOR SWITCH PACK
PD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PD HARNESS
PS1	20-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PASSENGER'S SEAT HARNESS
PS2	48-WAY AMP PCB SIGNAL (BLACK)	UNDER CARPET, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL MODULE
PS3	12-WAY AMP PCB POWER (BLACK)	UNDER CARPET, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL MODULE
SN1	12-WAY AMP PCB POWER (YELLOW)	FRONT OF PASSENGER'S SEAT / CONTROL MODULE OUTPUT TO SEAT MOTORS
SN5	6-WAY MULTILOCK 70 (WHITE)	BELOW PASSENGER'S SEAT PAD / PASSENGER'S SEAT RECLINE MOTOR
SN6	3-WAY PM 5 (YELLOW)	BELOW PASSENGER'S SEAT PAD / PASSENGER'S SEAT LUMBAR PUMP
SN7	6-WAY MULTILOCK 70 (SLATE)	BELOW PASSENGER'S SEAT PAD / PASSENGER'S SEAT FORE/AFT MOTOR

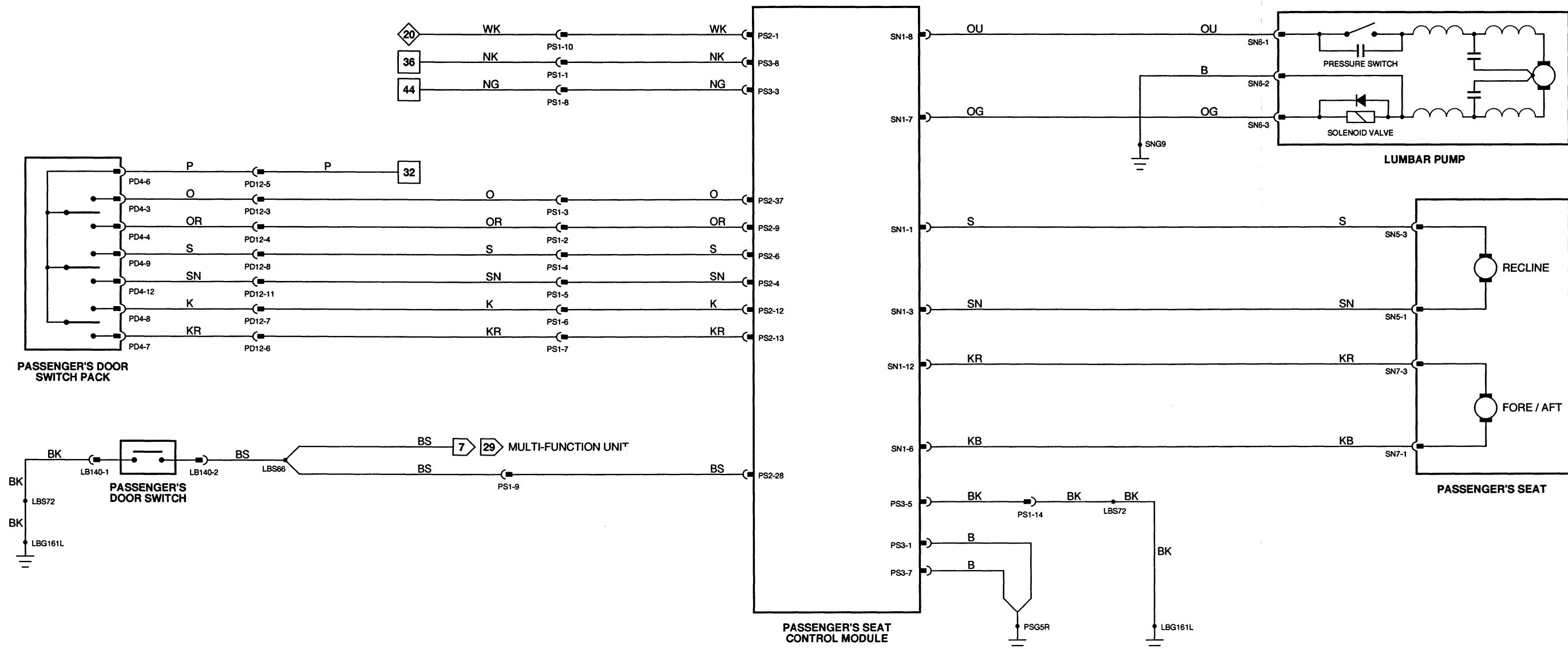
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
PSG5R	EYELET	PASSENGER'S FOOTWELL, FRONT RIGHT OF SEAT SUPPORT / POWER GROUND
SMG9	EYELET	PASSENGER'S FOOTWELL, FRONT RIGHT OF SEAT SUPPORT / POWER GROUND

## INPUTS / OUTPUTS

### PASSENGER'S SEAT CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
PS2-1	INPUT	IGNITION SWITCHED POWER	12V	0V
PS2-4	INPUT	PASSENGER'S LUMBAR PUMP INFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-6	INPUT	PASSENGER'S LUMBAR PUMP DEFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-9	INPUT	PASSENGER'S SEAT BACK UP SWITCH	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-12	INPUT	PASSENGER'S SEAT AFT SWITCH	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-13	INPUT	PASSENGER'S SEAT FORWARD SWITCH	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-28	INPUT	PASSENGER'S 'A' POST SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
PS2-37	INPUT	PASSENGER'S SEAT BACK RECLINE	BUTTON IN: 12V	BUTTON OUT: 0V
PS3-1	INPUT	POWER GROUND	GROUND	GROUND
PS3-3	INPUT	BATTERY POWER	12V	12V
PS3-5	INPUT	LOGIC GROUND	GROUND	GROUND
PS3-7	INPUT	POWER GROUND	GROUND	GROUND
PS3-8	INPUT	BATTERY POWER	12V	12V
SN1-1	OUTPUT	PASSENGER'S SEAT RECLINE MOTOR	12V	0V
SN1-3	OUTPUT	PASSENGER'S SEAT RECLINE MOTOR	12V	0V
SN1-6	OUTPUT	PASSENGER'S SEAT FORE/AFT MOTOR	12V	0V
SN1-7	OUTPUT	PASSENGER'S LUMBAR PUMP	12V	0V
SN1-8	OUTPUT	PASSENGER'S LUMBAR PUMP	12V	0V
SN1-12	OUTPUT	PASSENGER'S SEAT FORE/AFT MOTOR	12V	0V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 17 DATA

## COMPONENTS

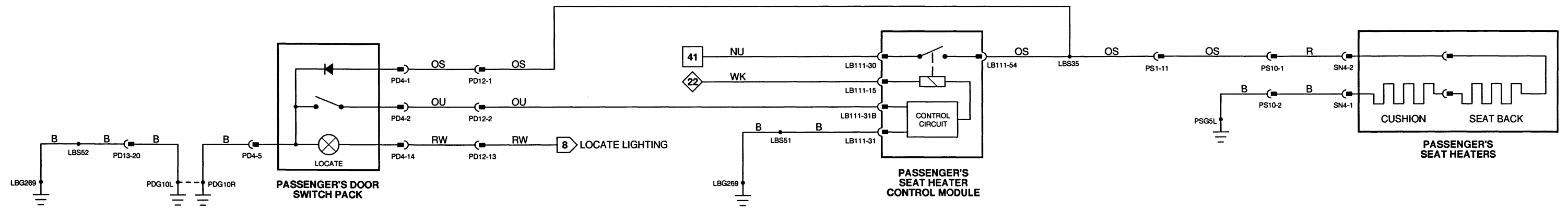
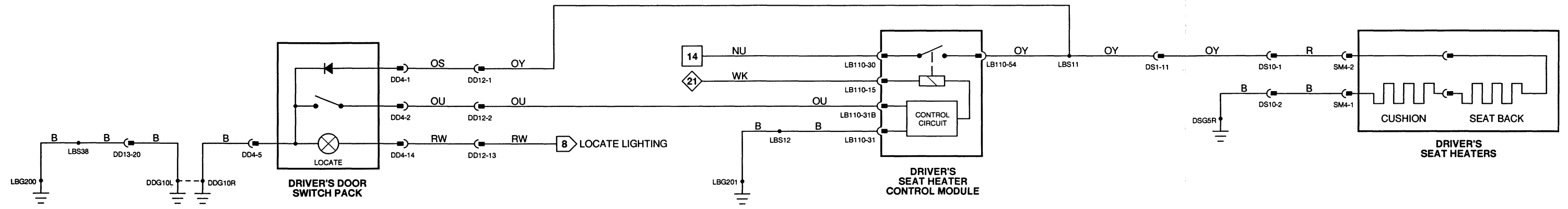
DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH PACK - DRIVER'S	DRIVER'S DOOR	REMOVE TRIM
DOOR SWITCH PACK - PASSENGER'S	PASSENGER'S DOOR	REMOVE TRIM
SEAT HEATER CONTROL MODULE - DRIVER'S	LEFT COMPONENT PANEL	DRIVER'S UNDER DASH
SEAT HEATER CONTROL MODULE - PASSENGER'S	RIGHT COMPONENT PANEL	PASSENGER'S UNDER DASH
SEAT HEATERS - DRIVER'S	DRIVER'S SEAT CUSHION	
SEAT HEATERS - PASSENGER'S	PASSENGER'S SEAT CUSHION	

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD4	14-WAY SUMITOMO BLOCK (SLATE)	DRIVER'S DOOR / DRIVER'S DOOR SWITCH PACK
DD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE LEFT 'A' POST / DRIVER'S DOOR HARNESS
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
DS1	24-WAY SUMITOMO BLOCK (WHITE)	INSIDE LEFT 'A' POST / DRIVER'S SEAT HARNESS
DS10	4-WAY MULTILOCK 70 (WHITE)	BELOW DRIVER'S SEAT / SEAT HEATER ELEMENT
LB110	RELAY BASE (WHITE)	LEFT COMPONENT PANEL / DRIVER'S SEAT HEATER CONTROL MODULE
LB111	RELAY BASE (WHITE)	RIGHT COMPONENT PANEL / PASSENGER'S SEAT HEATER CONTROL MODULE
PD4	14-WAY SUMITOMO BLOCK (SLATE)	PASSENGER'S DOOR / PASSENGER'S DOOR SWITCH PACK
PD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PS1	16-WAY SUMITOMO BLOCK (BLACK)	INSIDE RIGHT 'A' POST / PASSENGER'S SEAT HARNESS
PS10	4-WAY MULTILOCK 70 (WHITE)	BELOW PASSENGER'S SEAT / SEAT HEATER ELEMENT
SM4	4-WAY MULTILOCK 70 (WHITE)	BELOW DRIVER'S SEAT / SEAT HEATER ELEMENT
SN4	4-WAY MULTILOCK 70 (WHITE)	BELOW PASSENGER'S SEAT / SEAT HEATER ELEMENT

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
DDG10L	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
DDG10R	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
DSG5R	EYELET	DRIVER'S FOOTWELL, LEFT FRONT OF SEAT SUPPORT / POWER GROUND
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG289	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
PDG10L	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
PDG10R	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
PSG5L	EYELET	PASSENGER'S FOOTWELL, RIGHT FRONT OF SEAT SUPPORT / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

◇ FIG NUMBER REFERENCE

# FIG 18 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
HEATED REAR WINDOW SWITCH *	LEFT OF STEERING COLUMN	SNAP IN BEZEL
MULTI-FUNCTION UNIT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - HEATED REAR WINDOW (LB132)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL

\* FOG LIGHT SWITCHES AND HAZARD / HEATED REAR WINDOW SWITCH LOCATIONS DIFFER DEPENDENT ON INSTALLED OPTIONS. CONNECTOR, PIN AND WIRE INFORMATION REMAINS THE SAME FOR ALL OPTIONS.

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD2	6-WAY SUMITOMO SEALED (GREEN)	INNER DRIVER'S DOOR BELOW MIRROR / DRIVER'S MIRROR HEATER
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DD HARNESS
LB132	RELAY BASE (BLUE)	LEFT COMPONENT PANEL / HEATED REAR WINDOW RELAY
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI-FUNCTION UNIT
LB176	10-WAY MULTILOCK 70 (WHITE)	BEHIND HEATED REAR WINDOW SWITCH / HEATED REAR WINDOW SWITCH
PD2	6-WAY SUMITOMO SEALED (GREEN)	INNER PASSENGER'S DOOR BELOW MIRROR / PASSENGER'S MIRROR HEATER
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH110	.250 BLADE (BLACK)	HEATED REAR WINDOW GRID / WINDOW ELEMENT
RH151	.250 BLADE (BLACK)	HEATED REAR WINDOW GRID / WINDOW ELEMENT
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

## GROUNDS

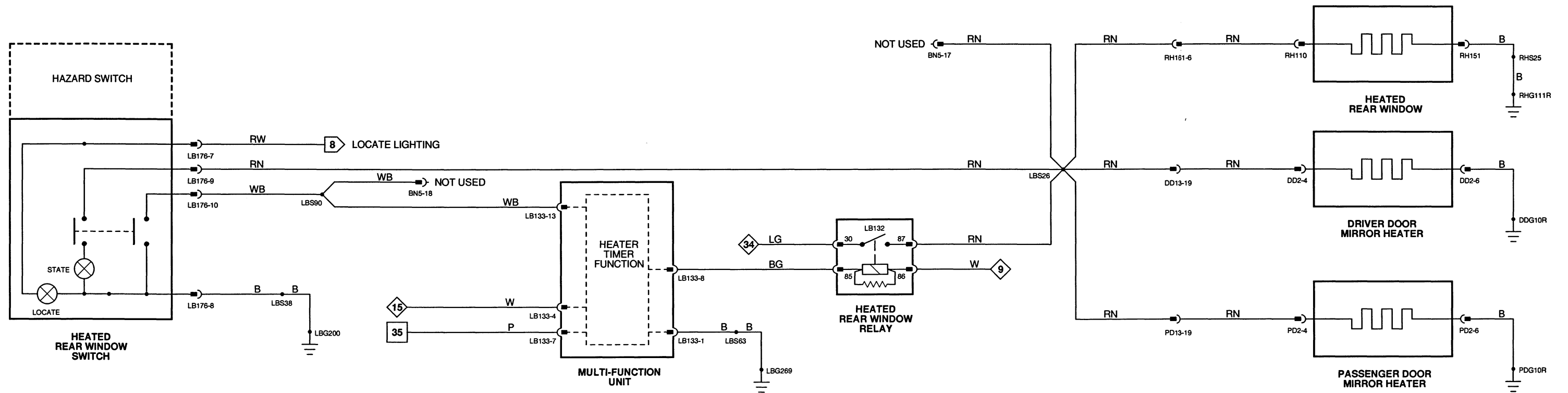
CODE	DESCRIPTION	LOCATION / INTERFACE
DDG10L	EYELET	LEFT DOOR BELOW MIRROR / POWER GROUND
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
PDG10R	EYELET	RIGHT DOOR BELOW MIRROR / POWER GROUND
RHG111R	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND

## INPUTS / OUTPUTS

### MULTI-FUNCTION UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-8	OUTPUT	HEATED REAR WINDOW RELAY	HEATER ON: GROUND	HEATER OFF: 12V
LB133-13	INPUT	HEATED REAR WINDOW SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: 12V





□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 19 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AMBIENT TEMPERATURE SENSOR	INTAKE AIR PLENUM	AIR PLENUM
HEADLIGHT WASHER PUMP	RIGHT FRONT INNER FENDER	INNER FENDER TRIM
WINDSHIELD WASHER PUMP	RIGHT FRONT INNER FENDER	INNER FENDER TRIM
WIPER LOGIC MODULE	BEHIND RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
WIPER MOTOR UNIT	FRONT PLENUM	REMOVE COWL
WIPER SWITCH	RIGHT STEERING COLUMN	REMOVE COLUMN TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS4	4-WAY SUMITOMO STD. (RED)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH
CS13	250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: FLICK
CS14	250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: FAST
CS15	250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: FLICK
CS16	250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: DELAY
CS17	250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: NORMAL
LB148	16-WAY SUMITOMO BLOCK (WHITE)	BEHIND RIGHT 'A' POST / WIPER LOGIC MODULE
LB149	THREADED 12-WAY AMP (BLACK)	BELOW WIPER PLENUM / WIPER MOTOR
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF2	13-WAY SUMITOMO BLOCK (WHITE)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF17	3-WAY PM 5 (BROWN)	FRONT OF A/C CONDENSER, CENTER / AMBIENT TEMP. SENSOR
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RF26	4-WAY SUMITOMO SEALED (GREEN)	MOUNTING BRACKET BEHIND RF HEADLIGHT / WASHER PUMP

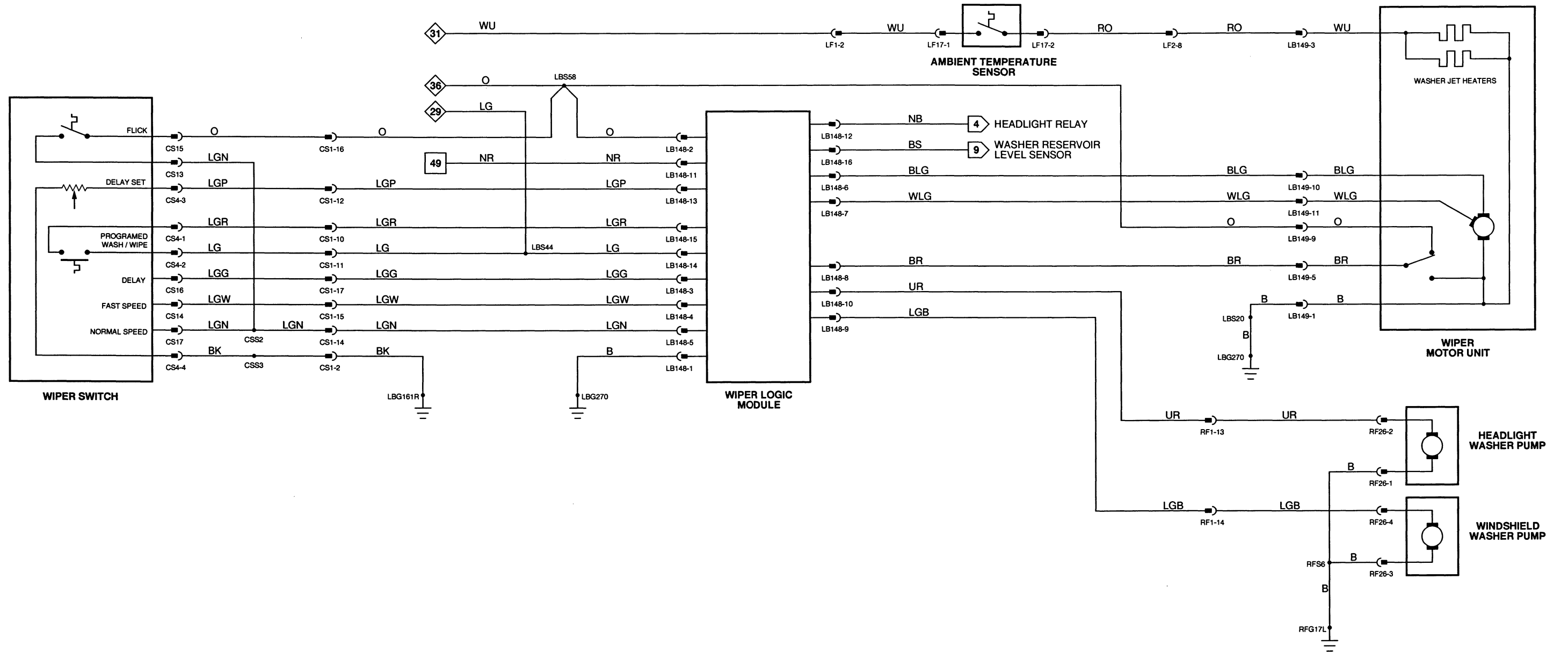
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161R	EYELET	LEFT TRANSMISSION TUNNEL BY A/C SUPPORT / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END POST / POWER GROUND
LFG17L	EYELET	LEFT FRONT BULKHEAD, ENGINE COMPARTMENT / POWER GROUND

## INPUTS / OUTPUTS

### WIPER LOGIC MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB148-1	INPUT	LOGIC GROUND	GROUND	GROUND
LB148-2	INPUT	IGNITION SWITCHED POWER	12V	0V
LB148-3	INPUT	WINDSHIELD WIPER DELAY	12V	0V
LB148-4	INPUT	WINDSHIELD WIPER FAST SPEED	12V	0V
LB148-5	INPUT	WINDSHIELD WIPER NORMAL SPEED	12V	0V
LB148-6	OUTPUT	WINDSHIELD WIPER MOTOR NORMAL	12V	0V
LB148-7	OUTPUT	WINDSHIELD WIPER MOTOR FAST	12V	0V
LB148-8	INPUT	WINDSHIELD WIPER PARK	GROUND	12V
LB148-9	OUTPUT	WINDSHIELD WASHER PUMP	12V	OPEN CIRCUIT
LB148-10	OUTPUT	HEADLIGHT WASHER PUMP	12V	OPEN CIRCUIT
LB148-11	INPUT	BATTERY POWER	12V	12V
LB148-12	INPUT	HEADLIGHT RELAY	GROUND	12V
LB148-13	INPUT	DELAY SET	MIN. DELAY: 0.2V	MAX. DELAY: 10.5V
LB148-14	INPUT	IGNITION SWITCHED POWER	12V	0V
LB148-15	INPUT	WINDSHIELD PROGRAM WIPE	12V	OPEN CIRCUIT
LB148-16	INPUT	LOW WASHER FLUID	12V	OPEN CIRCUIT



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 20 DATA

## COMPONENTS

**DESCRIPTION**  
ABS CONTROL MODULE  
STOP LIGHT SWITCH  
WHEEL SPEED SENSORS

**LOCATION**  
ENGINE COMPARTMENT, RIGHT REAR  
ABOVE BRAKE PEDAL  
EACH WHEEL ASSEMBLY

**ACCESS**  
ENGINE COMPARTMENT  
LEFT UNDER DASH PANEL  
BENEATH VEHICLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AB17	3-WAY AMP POWER BLOCK	BELOW LEFT A/C OUTLET / ABS PUMP AND CONTROL MODULE SUPPLY
AB18	8-WAY SUMITOMO STD. (RED)	BELOW LEFT A/C OUTLET / ABS HARNESS
AB20	28-WAY FORD GTE (SLATE)	ENGINE BAY, UNDER ABS MODULATOR / ABS CONTROL MODULE
AB21	2-WAY ECONOSEAL BLACK	LEFT FRONT INNER FENDER / LEFT FRONT WHEEL SPEED SENSOR
AB22	2-WAY ECONOSEAL (BLACK)	RIGHT FRONT INNER FENDER / RIGHT FRONT WHEEL SPEED SENSOR
AB23	2-WAY ECONOSEAL (BLACK)	BELOW LH REAR SEAT / LEFT REAR WHEEL SPEED SENSOR
AB24	2-WAY ECONOSEAL (BLACK)	BELOW RH REAR SEAT / RIGHT REAR WHEEL SPEED SENSOR
LB167	4-WAY SUMITOMO STD. (RED)	ABOVE BRAKE PEDAL / STOP LIGHT SWITCH

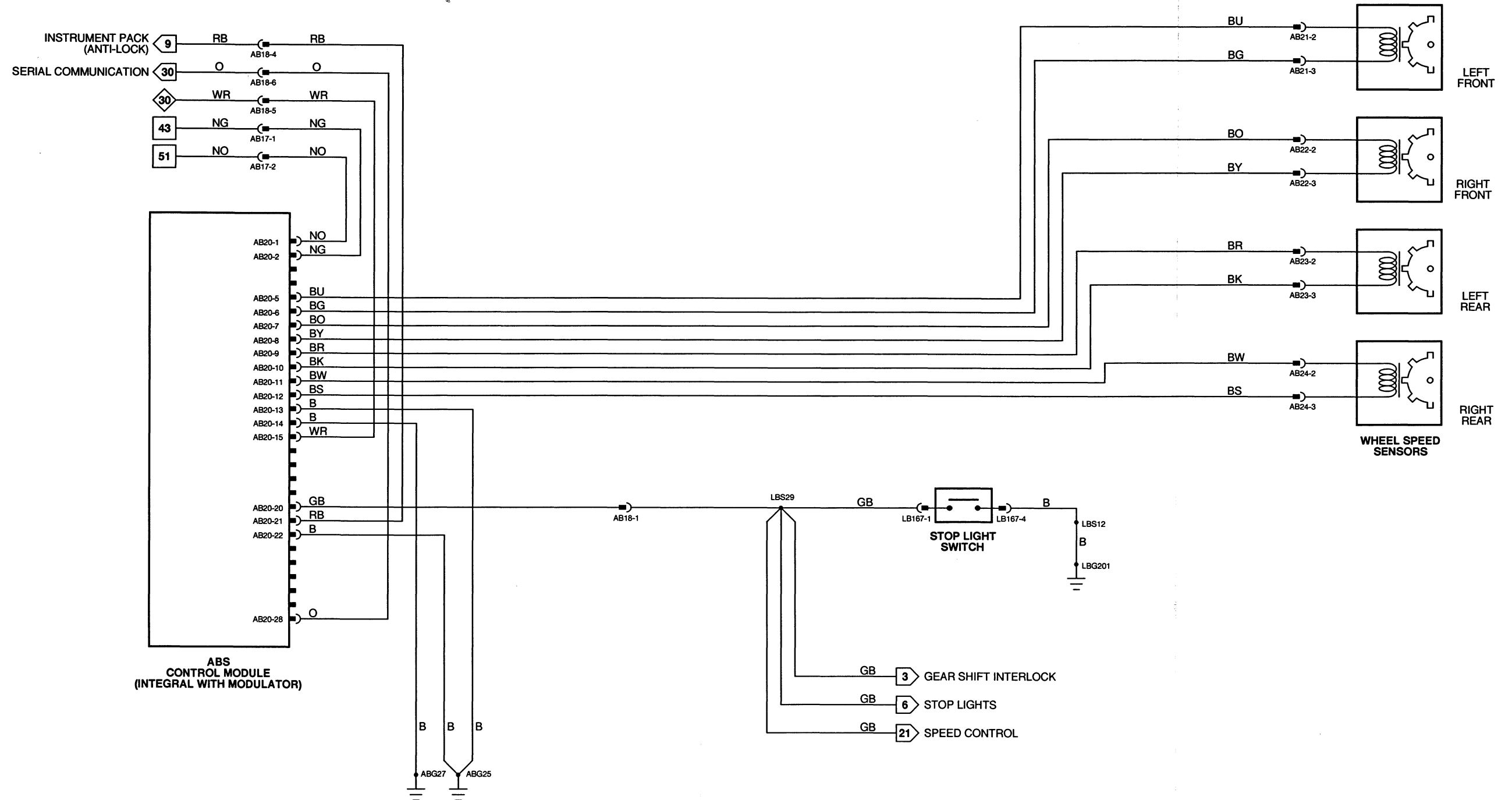
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
ABG25	EYELET	RIGHT FRONT BULKHEAD / POWER GROUND
ABG27	EYELET	LEFT BULKHEAD / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND

## INPUTS / OUTPUTS

### ABS CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AB20-1	INPUT	BATTERY POWER SUPPLY	B+	
AB20-2	INPUT	BATTERY POWER SUPPLY	B+	
AB20-5	INPUT	LH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-6	INPUT	LH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-7	INPUT	RH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-8	INPUT	RH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-9	INPUT	LH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-10	INPUT	LH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-11	INPUT	RH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-12	INPUT	RH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-13	INPUT	GROUND	0V	0V
AB20-14	INPUT	GROUND	0V	0V
AB20-15	INPUT	IGNITION POWER SUPPLY	B+	
AB20-20	INPUT	BRAKE SWITCH INPUT	0V	B+
AB20-21	OUTPUT	ABS FAILURE LAMP	0V	B+
AB20-22	INPUT	GROUND	0V	0V
AB20-28	IN/OUT	SERIAL COMMUNICATIONS (BI-DIRECTIONAL)	PDU	PDU



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▢ FIG NUMBER REFERENCE

# FIG 21 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BRAKE SWITCH	ABOVE BRAKE PEDAL	LEFT UNDER DASH PANEL
CONTROL VALVE	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
SPEED CONTROL MODULE	LEFT REAR TRUNK WHEEL ARCH	TRUNK TRIM
SPEED CONTROL MASTER SWITCH	CENTER CONSOLE	REMOVE TRIM
SPEED CONTROL RESUME SWITCH	LIGHTING AND TURN SIGNAL SWITCH	STEERING COLUMN TRIM
DUMP VALVE	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
GEAR SELECTOR SWITCH	GEAR SHIFT LINKAGE	CENTER CONSOLE
SPEED INTERFACE UNIT	TRUNK BEHIND LEFT GAS STRUT SUPPORT	TRUNK TRIM
SPEED SENSOR	DIFFERENTIAL COVER	BENEATH VEHICLE
STOP LIGHT SWITCH	BRAKE PEDAL	LEFT UNDER DASH

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / LIGHTING AND TURN SIGNAL SWITCH GROUND
CS2	6-WAY SUMITOMO STD. (WHITE)	LIGHTING STALK SWITCH GEAR / LIGHTING AND TURN SIGNAL SWITCH
GS1	13-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / GEAR SHIFT CONTROL MODULE
GS6	.250 BLADE (BLACK)	GEAR SELECTOR LINKAGE / GEAR SELECTOR SWITCH
GS7	.250 BLADE (BLACK)	GEAR SELECTOR LINKAGE / GEAR SELECTOR SWITCH
LB167	4-WAY SUMITOMO STD. (RED)	BRAKE PEDAL / STOP LIGHT SWITCH
LF2	13-WAY SUMITOMO BLOCK (WHITE)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF13	3-WAY PM 5 (BLACK)	LEFT FRONT INNER FENDER / DUMP VALVE
LF16	3-WAY AMP SOCKET (BLACK)	LEFT FRONT INNER FENDER / PUMP, CONTROL VALVE UNIT
RH114	4-WAY MULTILOCK 40 (BLACK)	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT / SPEED INTERFACE UNIT
RH161	20-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH196	20-WAY AMP PCB POWER (BLACK)	LEFT REAR WHEEL ARCH / SPEED CONTROL MODULE
RH197	13-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REAR HARNESS
RH198	6-WAY AMP SOCKET (WHITE)	UNDER CENTER CONSOLE / SPEED CONTROL MASTER SWITCH

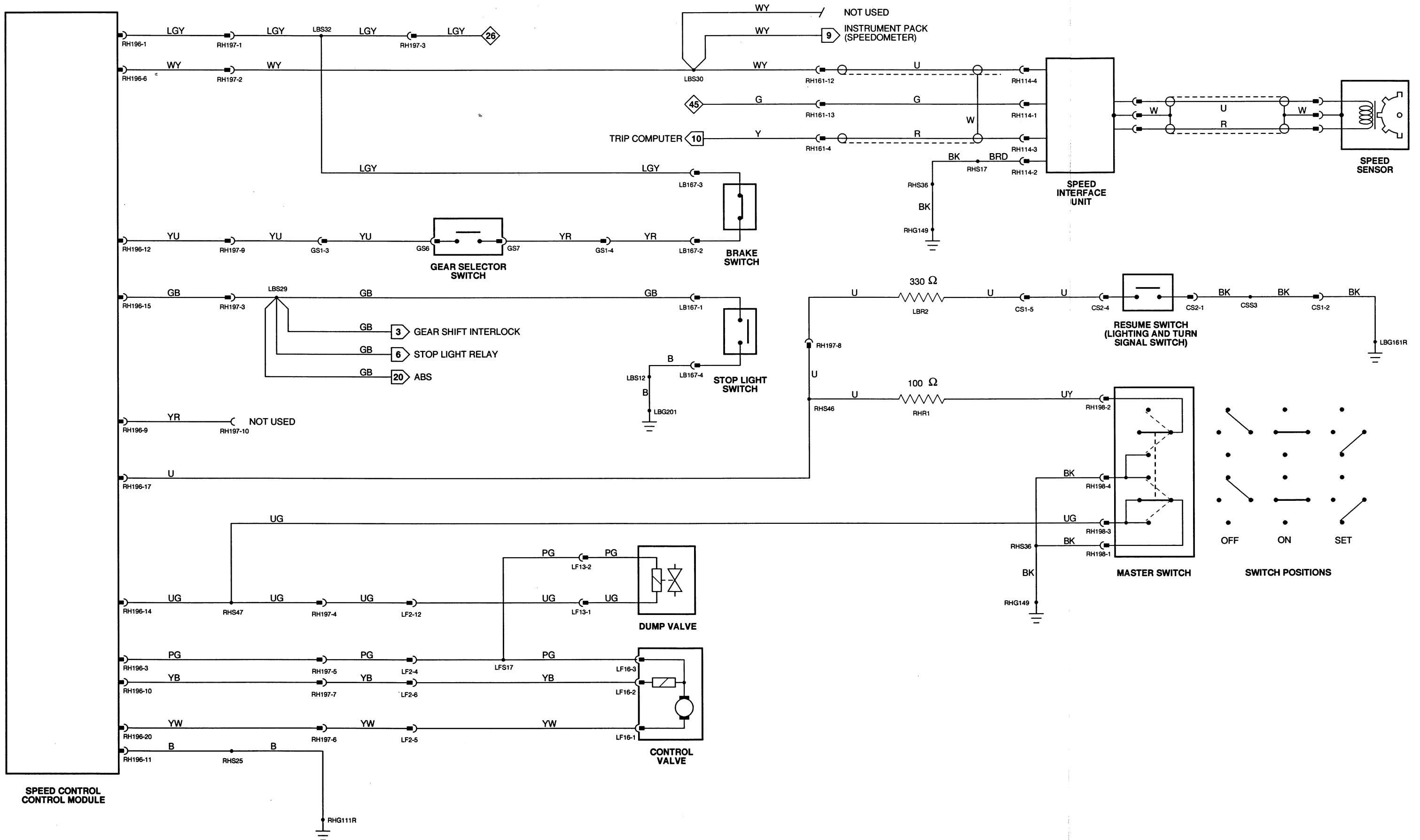
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LFG14L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG111R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND

## INPUTS / OUTPUTS

### SPEED CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RH196-1	INPUT	IGNITION SWITCHED POWER	12V	0V
RH196-3	OUTPUT	CRUISE CONTROL VALVES / PUMP	CRUISE ON: 12V	CRUISE OFF: 0V
RH196-6	INPUT	ROAD SPEED INPUT	AC VOLTS INCREASE W/ROAD SPEED	LESS THAN 1V
RH196-9	NOT USED (MANUAL TRANSMISSION ONLY)			
RH196-10	OUTPUT	CRUISE VACUUM DUTY CYCLE VALVE	SYSTEM ON: GROUND	SYSTEM OFF: 12V
RH196-11	INPUT	POWER GROUND	GROUND	GROUND
RH196-12	INPUT	BRAKE/GEAR SELECT SWITCH	"D", "2", "1": 12V	"P", "R", "N": 0V
RH196-14	OUTPUT	CRUISE DUMP VALVE	VALVE CLOSED: APPROX. 0.5V	VALVE OPEN: 12V
RH196-15	INPUT	STOP LIGHT SWITCH	BRAKE ON: GROUND	12V
RH196-17	INPUT	CRUISE "SET", "RESUME"	"SET" PRESSED: 100Ω, "RESUME" PRESSED: 300Ω	OPEN CIRCUIT
RH196-20	INPUT	CRUISE VACUUM CONTROL PUMP	GROUND	OPEN CIRCUIT



SPEED CONTROL CONTROL MODULE

□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

⬡ FIG NUMBER REFERENCE

SPEED SENSOR

SPEED INTERFACE UNIT

GEAR SELECTOR SWITCH

BRAKE SWITCH

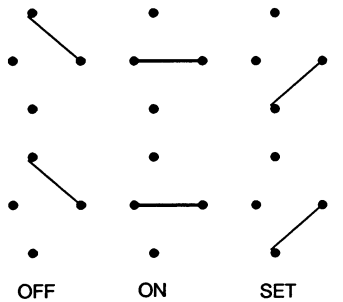
3 GEAR SHIFT INTERLOCK  
6 STOP LIGHT RELAY  
20 ABS

STOP LIGHT SWITCH

RESUME SWITCH (LIGHTING AND TURN SIGNAL SWITCH)

MASTER SWITCH

SWITCH POSITIONS



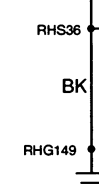
DUMP VALVE

CONTROL VALVE

NOT USED  
INSTRUMENT PACK (SPEEDOMETER)

TRIP COMPUTER

NOT USED



# FIG 22 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ANTENNA	RIGHT REAR TRUNK	RIGHT TRUNK TRIM
ANTENNA OVERRIDE DIODE	RIGHT TAIL LIGHT CLUSTER BY ANTENNA	TRUNK
CD AUTO CHANGER	TRUNK	LEFT TRUNK TRIM
CD HEAD UNIT	CENTER CONSOLE	—
RADIO	CENTER CONSOLE	REMOVE TRIM
SPEAKERS – FRONT	LOW ON FRONT DOOR PANEL	—
SPEAKERS – REAR	REAR QUARTER WINDOW TRIM/ARMREST	—
TRUNK LIGHT SWITCH	TRUNK LOCK LINKAGE	TRUNK LID TRIM

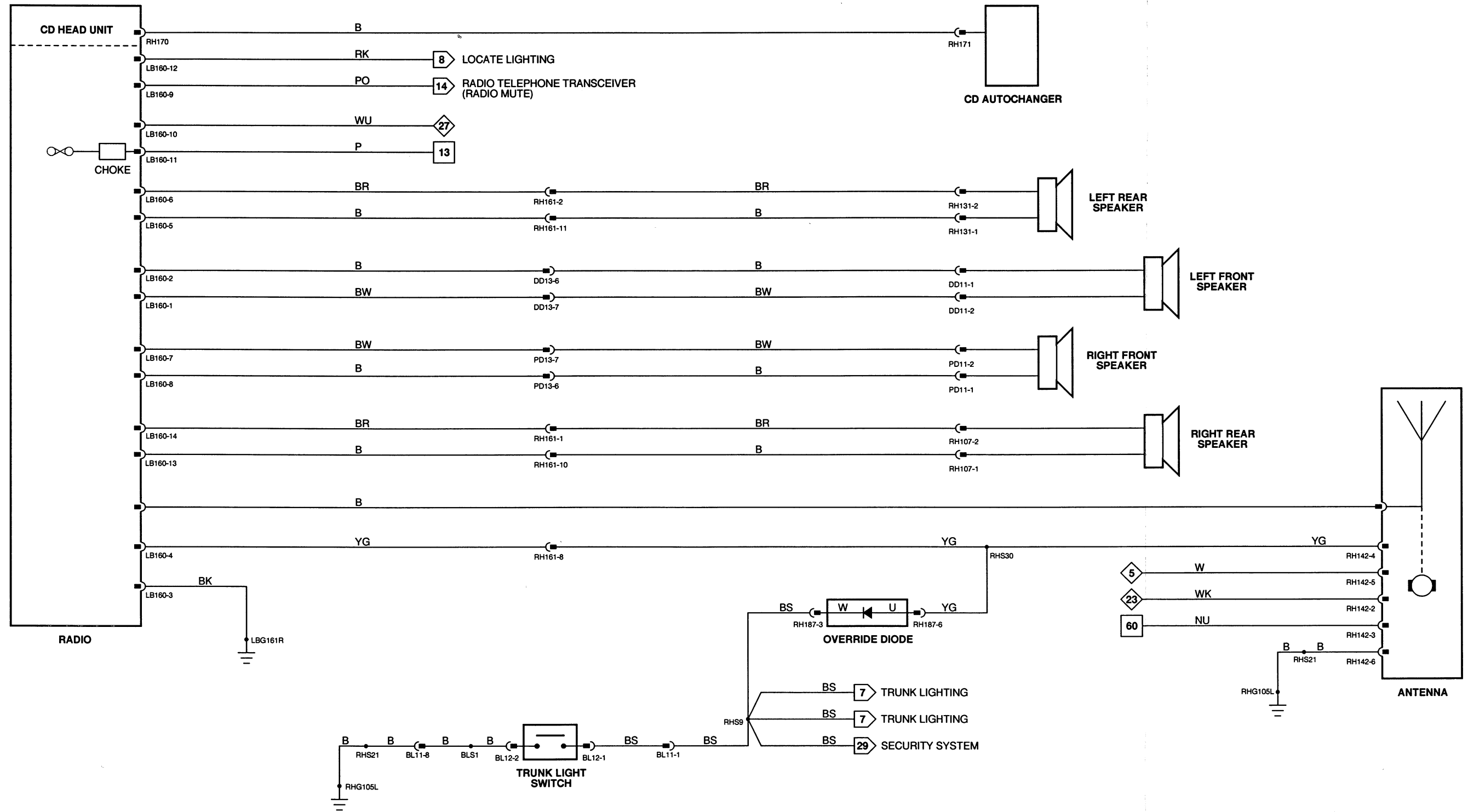
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / TRUNK LIGHT SWITCH HARNESS
BL12	GROTE AND HARTMAN (BLACK)	ADJACENT TO TRUNK LOCK LINKAGE / TRUNK LIGHT SWITCH
DD11	.250 BLADE (BLACK)	BELOW DRIVER'S DOOR MIRROR / LEFT FRONT SPEAKER
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
LB160	14-WAY MULTILOCK 70 (WHITE)	BEHIND RADIO / RADIO CONNECTOR
PD11	.250 BLADE (BLACK)	BELOW PASSENGER'S DOOR MIRROR / RIGHT FRONT SPEAKER
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH107	.250 BLADE (BLACK) – COUPE; PM 5 (GREEN) – CONV.	RIGHT REAR QUARTER TRIM / RIGHT REAR SPEAKER
RH131	.250 BLADE (BLACK) – COUPE; PM 5 (GREEN) – CONV.	LEFT REAR QUARTER TRIM / LEFT REAR SPEAKER
RH142	3-WAY PM 5 (BLACK)	RIGHT REAR TRUNK / ANTENNA MOTOR
RH161	20-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH170	CD CONNECTOR (BLACK)	BEHIND RADIO HEAD UNIT / CD AUTOCHANGER DRIVE CABLE
RH171	CD CONNECTOR (BLACK)	BEHIND LEFT TRUNK INTERIOR LIGHT / CD AUTOCHANGER
RH187	2-WAY .250 BLADE (BLACK)	RIGHT REAR BY ANTENNA / ANTENNA OVERRIDE DIODE

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161R	EYELET	LEFT TRANSMISSION TUNNEL BY A/C SUPPORT / POWER GROUND
RHG105L	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND





□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 23 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AMBIENT TEMPERATURE SENSOR	INTAKE AIR PLENUM	AIR PLENUM
ASPIRATOR	IN PASSENGER'S UNDER DASH PANEL	RIGHT UNDER DASH PANEL
BLOWER - LEFT	LEFT BULKHEAD	LEFT UNDER DASH PANEL
BLOWER - RIGHT	RIGHT BULKHEAD	RIGHT UNDER DASH PANEL
CLIMATE CONTROL MODULE	A/C UNIT, RIGHT	RIGHT UNDER DASH PANEL
CLIMATE CONTROL PANEL MODULE	BEHIND A/C CONTROL PANEL	A/C CONTROL PANEL
CLIMATE CONTROL SOLENOID VALVE BLOCK	LOWER LEFT OF A/C UNIT	LEFT UNDER DASH PANEL
COOLANT TEMPERATURE SWITCH	LEFT HOT WATER PIPE	LEFT UNDER DASH PANEL
EVAPORATOR TEMPERATURE SENSOR	A/C UNIT, RIGHT SIDE	RIGHT UNDER DASH PANEL
FEEDBACK POTENTIOMETER - LOWER	A/C UNIT, LEFT	LEFT UNDER DASH PANEL
FEEDBACK POTENTIOMETER - UPPER	A/C UNIT, LEFT	LEFT UNDER DASH PANEL
IN-CAR TEMPERATURE SENSOR	RIGHT UNDER DASH PANEL	INSTRUMENT PACK
MODE CONTROL SWITCH	CONTROL PANEL FAN SWITCH	RIGHT UNDER DASH PANEL
SERVO - LOWER	A/C UNIT, RIGHT	TRIM
SERVO - UPPER	A/C UNIT, RIGHT	RIGHT UNDER DASH PANEL
TEMPERATURE DEMAND SWITCH	CONTROL PANEL	TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AC2	15-WAY JST (WHITE)	TOP CONNECTOR OF A/C CONTROL MODULE / A/C CONTROL MODULE
AC3	15-WAY JST (WHITE)	MIDDLE CONNECTOR OF A/C CONTROL MODULE / A/C CONTROL MODULE
AC4	15-WAY JST (WHITE)	BOTTOM CONNECTOR OF A/C CONTROL MODULE / A/C CONTROL MODULE
AC5	4-WAY JST (BLACK)	ADJACENT TO LEFT BLOWER MOTOR / LEFT BLOWER MOTOR
AC6	4-WAY JST (BLACK)	ADJACENT TO RIGHT BLOWER MOTOR / RIGHT BLOWER MOTOR
AC7	6-WAY SUMITOMO STD. (WHITE)	RIGHT UNDER DASH PANEL / IN-CAR TEMPERATURE SENSOR
AC9	3-WAY JST (BLUE)	RIGHT SIDE OF A/C UNIT / EVAPORATOR TEMPERATURE SENSOR
AC10	3-WAY JST (BLACK)	UPPER LEFT SIDE OF A/C UNIT / UPPER FEEDBACK POTENTIOMETER
AC11	3-WAY JST (BLACK)	LOWER LEFT SIDE OF A/C UNIT / LOWER FEEDBACK POTENTIOMETER
AC12	3-WAY JST (RED)	LOWER RIGHT SIDE OF A/C UNIT / LOWER SERVO MOTOR
AC13	3-WAY JST (RED)	UPPER RIGHT SIDE OF A/C UNIT / UPPER SERVO MOTOR
AC14	.187 BLADE (WHITE)	LEFT SIDE OF A/C UNIT / COOLANT TEMPERATURE SWITCH
AC15	.187 BLADE (WHITE)	LEFT SIDE OF A/C UNIT / COOLANT TEMPERATURE SWITCH
AC28	5-WAY JST (BLACK)	BEHIND A/C CONTROL PANEL / TEMPERATURE DEMAND SWITCH
AC29	8-WAY JST (WHITE)	BEHIND A/C CONTROL PANEL / MODE CONTROL SWITCH
AC30	3-WAY JST (BLACK)	BEHIND PASSENGER'S UNDER DASH PANEL / IN-CAR TEMPERATURE SENSOR
AC31	3-WAY JST (WHITE)	ADJACENT TO LEFT BLOWER MOTOR / AMBIENT TEMPERATURE SENSOR
AC32	6-WAY MULTILOCK 70 (WHITE)	LOWER LEFT SIDE OF A/C UNIT / VACUUM SOLENOID VALVE BLOCK
AC33	12-WAY MULTILOCK 40 (BLACK)	BELOW LOWER RIGHT A/C OUTLET / A/C HARNESS GROUND
AC34	12-WAY MULTILOCK 40 (BLACK)	BEHIND RADIO / CONTROL PANEL MODULE
AC35	4-WAY MULTILOCK 40 (BLACK)	BEHIND RADIO / CONTROL PANEL MODULE
LB190	2-WAY PM 5 (BROWN)	ABOVE LEFT BLOWER MOTOR / BLOWER MOTOR POWER FEED
LB213	2-WAY PM 5 (BROWN)	ABOVE RIGHT BLOWER MOTOR / BLOWER MOTOR POWER FEED
LI129	24-WAY SUMITOMO BLOCK (BLACK)	BELOW RIGHT A/C OUTLET / FUEL TO BULKHEAD HARNESS
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND

CONTIUED AT LEFT ON FOLDOUT

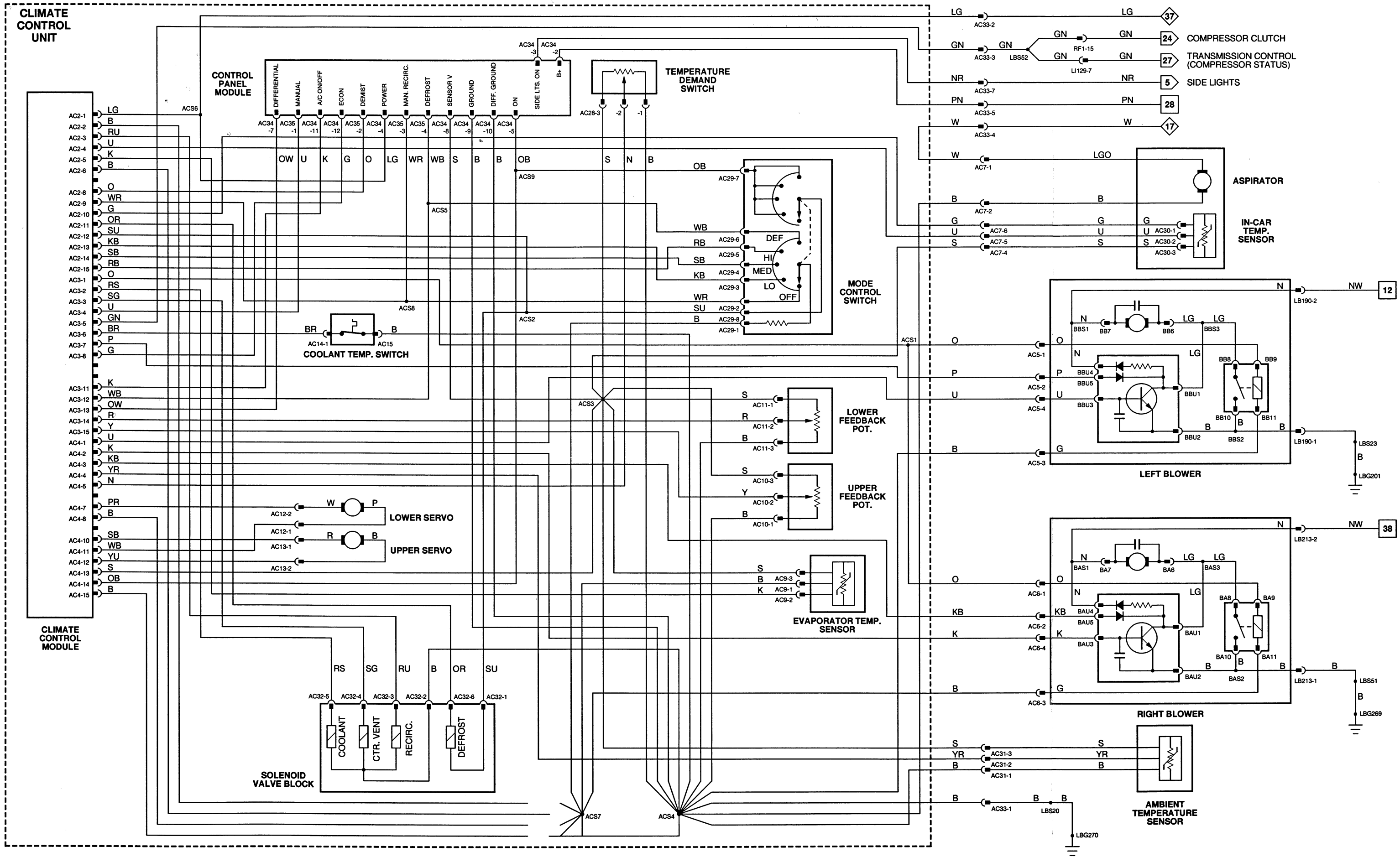
# INPUTS / OUTPUTS

## CLIMATE CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC2-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
AC2-2	INPUT	POWER GROUND	GROUND	GROUND
AC2-3	OUTPUT	RECIRC. VACUUM SOLENOID	SOLENOID ON: 12V	SOLENOID OFF: OPEN CIRCUIT (0.2V)
AC2-4	INPUT	IN-CAR TEMPERATURE SENSOR	3.06V @ 70°F	INCREASES WITH TEMPERATURE
AC2-5	INPUT	EVAPORATOR TEMPERATURE SENSOR	2.8V @ 0°C	SYSTEM OFF: 0V
AC2-6	INPUT	POWER GROUND	GROUND	GROUND
AC2-7	NOT USED			
AC2-8	INPUT	WINDSCREEN DEMIST	DEMIST ON: GROUND	DEMIST OFF: 4V
AC2-9	INPUT	MANUAL RECIRCULATION	RECIRC. LIGHT ON: GROUND	RECIRC. LIGHT OFF: 12V
AC2-10	INPUT	IN-CAR TEMPERATURE SENSOR GROUND	GROUND	GROUND
AC2-11	OUTPUT	DEFROST SOLENOID	SOLENOID ON: GROUND	SOLENOID OFF: 12V
AC2-12	INPUT	DEFROST SOLENOID	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
AC2-13	INPUT	LOW FAN SPEED	LOW: GROUND	MED/HI/DEF: 4V
AC2-14	INPUT	MEDIUM FAN SPEED	MED: GROUND	LOW/HI/DEF: 4V
AC2-15	INPUT	HIGH FAN SPEED	HI: GROUND	LOW/MED/DEF: 4V
AC3-1	OUTPUT	HIGH SPEED RELAY	HI/DEF: 12V	LOW/MED: OPEN CIRCUIT
AC3-2	OUTPUT	COOLANT VACUUM SOLENOID	HEAT ON: GROUND	HEAT OFF: 12V
AC3-3	OUTPUT	CENTER VENT VACUUM SOLENOID	65 – 75°F: 12V	75 – 85°F: GROUND
AC3-4	INPUT	MANUAL	MANUAL ON: GROUND	MANUAL OFF: 5V
AC3-5	OUTPUT	COMPRESSOR CLUTCH RELAY	CLUTCH ON: 12V	CLUTCH OFF: OPEN CIRCUIT
AC3-6	INPUT	COOLANT TEMPERATURE SWITCH	ABOVE 104°F: 5V	BELOW 104°F: GROUND
AC3-7	INPUT	BLOWER MOTOR FEEDBACK	LOW: 5.3V MED: 1.7V HI: 0.8V DEF: 0.8V	
AC3-8	INPUT	ECONOMY (A/C ON/OFF)	A/C LIGHT ON: 4V	A/C LIGHT OFF: GROUND
AC3-9	NOT USED			
AC3-10	NOT USED			
AC3-11	INPUT	A/C ON/OFF	A/C LIGHT ON: GROUND	A/C LIGHT OFF: 4V
AC3-12	INPUT	DEFROST	DEFROST ON: GROUND	LOW/MED/HI: 4V
AC3-13	INPUT	TEMPERATURE FASCIA DIFFERENTIAL	FULL COOL: 2.9V SPLIT: 1.5V EQUAL: 0.02V	
AC3-14	INPUT	LOWER FEEDBACK POTENTIOMETER	FULL COOL: 0.17V FULL HOT: 1.15V DEFROST: 2.94V	
AC3-15	INPUT	UPPER FEEDBACK POTENTIOMETER	FULL COOL: 0.21V FULL HOT: 1.97V DEFROST: 1.91V	
AC4-1	OUTPUT	LEFT BLOWER POWER TRANSISTOR	LOW: 1.2V MED: 1.8V HI: 0.78V DEF: 0.78V	
AC4-2	OUTPUT	RIGHT BLOWER POWER TRANSISTOR	LOW: 1.2V MED: 1.8V HI: 0.78V DEF: 0.78V	
AC4-3	INPUT	RIGHT BLOWER MOTOR FEEDBACK	LOW: 5.3V MED: 1.8V HI: 0.8V DEF: 0.8V	
AC4-4	INPUT	AMBIENT TEMP. SENSOR SWEEP	3.06V @ 70°F	INCREASES WITH TEMPERATURE
AC4-5	INPUT	TEMPERATURE DEMAND	FULL COOL: 0.04V	FULL HEAT: 2.9V
AC4-6	NOT USED			
AC4-7	OUTPUT	LOWER SERVO MOTOR DRIVE	DRIVE: 7V	NO DRIVE: 0V
AC4-8	INPUT	POWER GROUND	GROUND	GROUND
AC4-9	NOT USED			
AC4-10	OUTPUT	UPPER SERVO MOTOR DRIVE	DRIVE: 7V	NO DRIVE: 0V
AC4-11	OUTPUT	LOWER SERVO MOTOR DRIVE	DRIVE: 7V	NO DRIVE: 0V
AC4-12	OUTPUT	UPPER SERVO MOTOR DRIVE	DRIVE: 7V	NO DRIVE: 0V
AC4-13	OUTPUT	SENSOR REFERENCE VOLTAGE	KEY ON: 5V	KEY OFF: 0V
AC4-14	INPUT	SYSTEM ON	FAN SWITCH ON: 12V	FAN SWITCH OFF: 0V
AC4-15	INPUT	POWER GROUND	GROUND	GROUND

## CLIMATE CONTROL PANEL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC34-2	INPUT	BATTERY POWER SUPPLY	12V	0V
AC34-3	INPUT	SIDE LIGHTS ON	GROUND	12V
AC34-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
AC34-5	INPUT	SYSTEM ON	FAN SWITCH ON: 12V	FAN SWITCH OFF: 0V
AC34-7	OUTPUT	TEMPERATURE FASCIA DIFFERENTIAL	FULL COOL: 2.9V SPLIT: 1.5V EQUAL: 0.02V	
AC34-8	INPUT	SENSOR REFERENCE VOLTAGE	KEY ON: 5V	KEY OFF: OPEN CIRCUIT
AC34-9	INPUT	POWER GROUND	GROUND	GROUND
AC34-10	INPUT	PANEL DIFFERENTIAL GROUND	GROUND	GROUND
AC34-11	OUTPUT	NORMAL MODE	A/C LIGHT ON: GROUND	A/C LIGHT OFF: 4V
AC34-12	OUTPUT	ECONOMY MODE	A/C LIGHT OFF: GROUND	A/C LIGHT ON: 4V
AC35-1	OUTPUT	WINDSCREEN DEMIST	DEMIST ON: GROUND	DEMIST OFF: 4V
AC35-2	OUTPUT	WINDSCREEN MANUAL DEMIST	DEMIST LIGHT ON: GROUND	DEMIST LIGHT OFF: 4V
AC35-3	INPUT	MANUAL RECIRCULATION	RECIRC. LIGHT ON: GROUND	RECIRC. LIGHT OFF: 12V
AC35-4	INPUT	DEFROST MODE OVERRIDE	DEF: GROUND	LOW/MED/HI: 4V



# FIG 24 DATA

## COMPONENTS

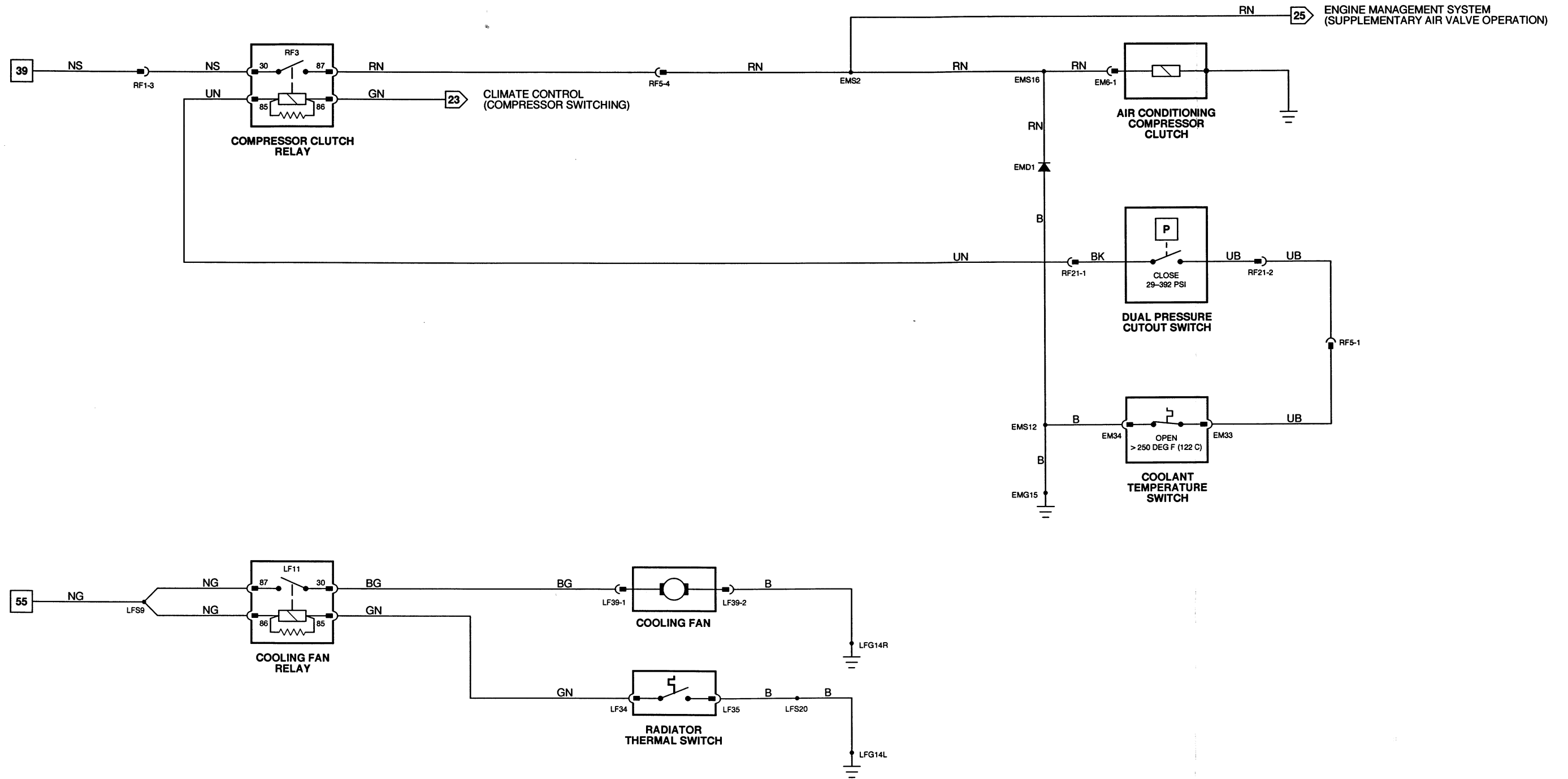
DESCRIPTION	LOCATION	ACCESS
AIR CONDITIONING COMPRESSOR CLUTCH	RIGHT FRONT OF ENGINE	ENGINE COMPARTMENT
COOLANT TEMPERATURE SWITCH	RIGHT FRONT WATER MANIFOLD	ENGINE COMPARTMENT
COOLING FAN	BEHIND RADIATOR, RIGHT	ENGINE COMPARTMENT
DIODE - EMD1	COMPRESSOR CLUTCH MOUNTING BRACKET	ENGINE COMPARTMENT
DUAL PRESSURE CUTOUT SWITCH	FRONT OF CONDENSER, RIGHT SIDE	ENGINE COMPARTMENT
RADIATOR THERMAL SWITCH	WATER PUMP INLET	LEFT FRONT OF ENGINE
RELAY - COMPRESSOR CLUTCH (RF3)	RIGHT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
RELAY - COOLING FAN (LF11)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
EM6	PM 5 (BLACK)	A/C COMPRESSOR CLUTCH / COMPRESSOR CLUTCH
EM33	.250 BLADE (WHITE)	RIGHT FRONT WATER MANIFOLD / COOLANT TEMPERATURE SWITCH
EM34	.250 BLADE (WHITE)	RIGHT FRONT WATER MANIFOLD / COOLANT TEMPERATURE SWITCH
LF11	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / COOLING FAN RELAY
LF34	.250 BLADE (BLACK)	LEFT SIDE OF RADIATOR / RADIATOR THERMAL SWITCH
LF35	.250 BLADE (BLACK)	LEFT SIDE OF RADIATOR / RADIATOR THERMAL SWITCH
LF39	PM 5 (BLACK)	RADIATOR FAN SHROUD, LEFT / COOLING FAN
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RF3	RELAY BASE (GREEN)	RIGHT FRONT COMPONENT PANEL / A/C COMPRESSOR CLUTCH RELAY
RF5	8-WAY ECONOSEAL III LC (BLACK)	RIGHT INNER FENDER BEHIND AIR FILTER / RIGHT FORWARD HARNESS
RF21	2-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO AIR PUMP / DUAL PRESSURE CUTOUT SWITCH

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
EMG15	EYELET	BEHIND RIGHT HEADLIGHT / POWER GROUND
LFG14L	EYELET	BEHIND LEFT HEADLIGHT / POWER GROUND
LFG14R	EYELET	BEHIND RIGHT HEADLIGHT / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 25 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DIODE - EMD2	BELOW 'A' BANK INTAKE MANIFOLD BY THROTTLE	ENGINE COMPARTMENT
ENGINE CONTROL MODULE: FUEL INJECTION	RIGHT REAR WHEEL ARCH	RIGHT SIDE TRUNK TRIM
ENGINE COOLANT TEMPERATURE SENSOR	FRONT OF 'B' BANK WATER MANIFOLD	ENGINE COMPARTMENT
EVAPORATIVE EMISSION CONTROL VALVE - A BANK	INSIDE LEFT FRONT WHEEL ARCH BY CANISTER	LEFT FRONT WHEEL ARCH TRIM
EVAPORATIVE EMISSION CONTROL VALVE - B BANK	INSIDE LEFT FRONT WHEEL ARCH BY CANISTER	LEFT FRONT WHEEL ARCH TRIM
FUEL INJECTORS	EACH AIR INTAKE RUNNER	ENGINE COMPARTMENT
FUEL PUMP 1	INSIDE FUEL TANK	FUEL TANK TRIM
FUEL PUMP 2	INSIDE FUEL TANK	FUEL TANK TRIM
FUEL PUMP CONTROL MODULE	ABOVE RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM
FUEL RAIL TEMPERATURE SWITCH	RIGHT FUEL RAIL	ENGINE COMPARTMENT
HEATED OXYGEN SENSOR - A BANK	RIGHT SIDE EXHAUST DOWNPIPE	ENGINE COMPARTMENT
HEATED OXYGEN SENSOR - B BANK	LEFT SIDE EXHAUST DOWNPIPE	ENGINE COMPARTMENT
HOT START SOLENOID VACUUM VALVE	ADJACENT TO 'A' BANK THROTTLE BODY	ENGINE COMPARTMENT
INTAKE AIR TEMPERATURE SENSOR	'B' BANK AIR INTAKE	ENGINE COMPARTMENT
POWER RESISTORS	BEHIND RIGHT HEADLIGHT	ENGINE COMPARTMENT
RELAY - AIR INJECTION PUMP (RF30)	RIGHT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
RELAY - FUEL INJECTION MAIN (LI47)	RIGHT REAR WHEEL ARCH	RIGHT REAR TRUNK TRIM
RELAY - FUEL PUMP 1 (RH173)	RIGHT REAR WHEEL ARCH	RIGHT REAR TRUNK TRIM
RELAY - FUEL PUMP 2 (RS18)	RIGHT REAR WHEEL ARCH	RIGHT REAR TRUNK TRIM
SECONDARY AIR INJECTION PUMP	RIGHT FRONT OF ENGINE	ENGINE COMPARTMENT
SECONDARY AIR INJECTION SOLENOID VACUUM VALVE	BELOW 'A' BANK THROTTLE LINKAGE	ENGINE COMPARTMENT
SUPPLEMENTARY AIR VALVE	'A' BANK AIR FILTER	ENGINE COMPARTMENT
THROTTLE POSITION SENSOR	ENGINE VEE BELOW THROTTLE TURNTABLE	ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
EM5	PM 5 (BLACK)	'A' BANK ON INTAKE AIR FILTER / SUPPLEMENTARY AIR VALVE
EM12	2-WAY NIPPON DENSO (BLUE)	SIDE OF 'A' BANK AIR FILTER / HOT START SOLENOID VACUUM VALVE
EM19	2-WAY LUCAR (SLATE)	INJECTOR 1A
EM20	2-WAY LUCAR (SLATE)	INJECTOR 2A
EM21	2-WAY LUCAR (SLATE)	INJECTOR 3A
EM22	2-WAY LUCAR (SLATE)	INJECTOR 4A
EM23	2-WAY LUCAR (SLATE)	INJECTOR 5A
EM24	2-WAY LUCAR (SLATE)	INJECTOR 6A
EM25	2-WAY LUCAR (SLATE)	INJECTOR 1B
EM26	2-WAY LUCAR (SLATE)	INJECTOR 2B
EM27	2-WAY LUCAR (SLATE)	INJECTOR 3B
EM28	2-WAY LUCAR (SLATE)	INJECTOR 4B
EM29	2-WAY LUCAR (SLATE)	INJECTOR 5B
EM30	2-WAY LUCAR (SLATE)	INJECTOR 6B
EM35	PM 5 (BLACK)	ADJACENT TO RF ENGINE LIFT EYELET / AIR INJECTION PUMP HARNESS
EM39	.250 BLADE (WHITE)	RIGHT FUEL RAIL / FUEL RAIL TEMPERATURE SWITCH
EM40	.250 BLADE (WHITE)	RIGHT FUEL RAIL / FUEL RAIL TEMPERATURE SWITCH
FP6-A	4-WAY SUMITOMO DL090(WHITE)	TOP REAR OF FUEL TANK / FUEL PUMP HARNESS
FP6-B	4-WAY SUMITOMO DL090 (WHITE)	TOP REAR OF FUEL TANK / FUEL PUMP HARNESS
LI42	2-WAY LUCAR (BLACK)	LEFT FRONT INNER FENDER BEHIND HEADLIGHT / 'A' BANK PURGE VALVE
LI43	2-WAY LUCAR (BLACK)	LEFT FRONT INNER FENDER BEHIND HEADLIGHT / 'A' BANK PURGE VALVE
LI45	35-WAY AMP CONNECTOR (BLACK)	RIGHT REAR WHEEL ARCH / FUEL INJECTION ECM
LI47	RELAY BASE (RED)	RIGHT REAR WHEEL ARCH ABOVE FUEL INJECTION ECM / FUEL INJECTION MAIN RELAY
LI62	.250 BLADE (WHITE)	BELOW 'B' BANK AIR FILTER / 'B' BANK OXYGEN SENSOR
LI63	2-WAY LUCAR (BLACK)	BELOW 'B' BANK AIR FILTER / 'B' BANK OXYGEN SENSOR HEATER
LI64	2-WAY LUCAR (BLACK)	ON 'B' BANK AIR FILTER ASSEMBLY / AIR TEMPERATURE SENSOR
LI65	2-WAY LUCAR (BLACK)	FRONT OF 'B' BANK BY ENGINE LIFT EYELET / COOLANT TEMPERATURE SENSOR
LI66	6-WAY SUMITOMO (BLACK)	CENTER REAR OF ENGINE VEE / THROTTLE POSITION SENSOR
LI73	10-WAY AMP (WHITE)	BEHIND RIGHT HEADLIGHT / POWER RESISTOR PACK
LI75	.250 BLADE (WHITE)	BELOW 'A' BANK AIR FILTER / 'A' BANK OXYGEN SENSOR
LI76	2-WAY LUCAR (BLACK)	BELOW 'A' BANK AIR FILTER / 'A' BANK OXYGEN SENSOR HEATER
LI89	6-WAY SUMITOMO SEALED (GREEN)	BELOW 'A' BANK AIR FILTER ON 3-WAY BRACKET / FUEL INJECTION HARNESS
LI129	24-WAY SUMITOMO BLOCK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / FUEL TO BULKHEAD HARNESS
LI137	2-WAY NIPPON DENSO (BLUE)	BY 'A' BANK THROTTLE BODY / AIR INJECTION SOLENOID VACUUM VALVE
LI138	6-WAY SUMITOMO SEALED (BLACK)	ON RIGHT FRONT INNER FENDER / FUEL INJECTOR HARNESS
LI157	RELAY BASE (BLACK)	RIGHT REAR INNER WHEEL ARCH / FUEL PUMP CONTROL MODULE
LI158	RELAY BASE (RED)	RIGHT REAR INNER WHEEL ARCH / FUEL PUMP RELAY 2
LI159	6-WAY MULTILOCK 70 (WHITE)	BETWEEN FUEL TANK AND RIGHT REAR WHEEL ARCH / FUEL PUMP #2
RF30	RELAY BASE (BLUE)	RIGHT FRONT COMPONENT PANEL / AIR INJECTION PUMP RELAY
RF31	PM 5 (BLACK)	BELOW RIGHT FRONT COMPONENT PANEL / RIGHT FORWARD HARNESS
RH104	6-WAY MULTILOCK 70 (WHITE)	BETWEEN FUEL TANK AND RIGHT REAR WHEEL ARCH / FUEL PUMP #1
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH173	RELAY BASE (YELLOW)	ABOVE RIGHT REAR WHEEL ARCH / FUEL PUMP RELAY 1

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
EMG15	EYELET	BEHIND RIGHT HEADLIGHT / POWER GROUND
LIG68	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
LIG81L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
LIG81R	EYELET	RIGHT BULKHEAD / POWER GROUND
LIG161	EYELET	RIGHT BULKHEAD / POWER GROUND
RHG105R	EYELET	RIGHT FRONT BULKHEAD IN ENGINE COMPARTMENT / POWER GROUND

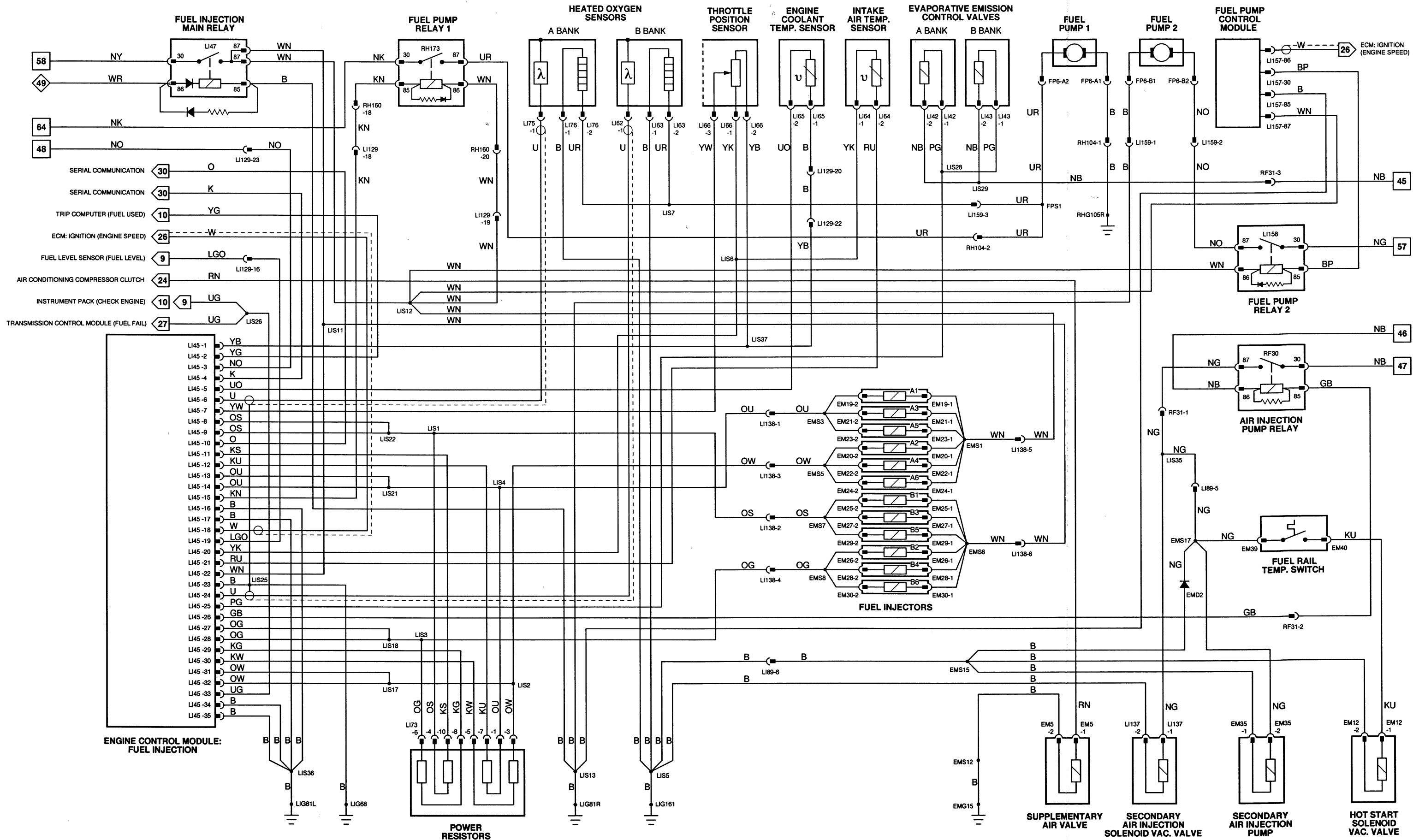
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## INPUTS / OUTPUTS

### ENGINE CONTROL MODULE: FUEL INJECTION

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LI45-1	OUTPUT	POWER GROUND	GROUND	GROUND
LI45-2	OUTPUT	FUEL USED	PULSED SIGNAL	—
LI45-3	INPUT	BATTERY POWER	12V	12V
LI45-4	INPUT	DATA LINK SERIAL INPUT	PDU	—
LI45-5	OUTPUT	COOLANT TEMP. SENSOR SUPPLY VOLTAGE	5V REFERENCE	OPEN CIRCUIT
LI45-6	INPUT	A BANK OXYGEN SENSOR	CLOSED LOOP: 0.1 – 0.9 V SWING	—
LI45-7	INPUT	THROTTLE POSITION SENSOR WIPER	CLOSED THROTTLE: 0.58 – -.62V / KICKDOWN 4.5V+	—
LI45-8	OUTPUT	B BANK INJECTORS 1,3,5 ON	0.2 MS @ IDLE	—
LI45-9	OUTPUT	B BANK INJECTORS 1,3,5 ON	0.2 MS @ IDLE	—
LI45-10	OUTPUT	DATA LINK SERIAL OUTPUT	PDU	—
LI45-11	OUTPUT	A BANK INJECTORS 1,3,5 HOLD	2.3 MS @ IDLE	—
LI45-12	OUTPUT	A BANK INJECTORS 1,3,5 HOLD	2.3 MS @ IDLE	—
LI45-13	OUTPUT	A BANK INJECTORS 1,3,5 ON	0.2 MS @ IDLE	—
LI45-14	OUTPUT	B BANK INJECTORS 1,3,5 ON	0.2 MS @ IDLE	—
LI45-15	OUTPUT	OXYGEN SENSOR HEATERS AND FUEL PUMP ON	ENGINE RUNNING: GROUND	KEY ON: 12V
LI45-16	INPUT	POWER GROUND	GROUND	GROUND
LI45-17	INPUT	POWER GROUND	GROUND	GROUND
LI45-18	INPUT	ENGINE SPEED	CRANKING: 0.2V 1000 RPM: 0.6V 2000 RPM: 1.1V	TANK EMPTY: 12V
LI45-19	INPUT	FUEL LEVEL	TANK FULL : GROUND	KEY OFF: OPEN CIRCUIT
LI45-20	OUTPUT	THROTTLE & AIR TEMP. SENSOR REFERENCE VOLTAGE	KEY ON: 5V	—
LI45-21	INPUT	AIR TEMPERATURE SENSOR	2.84V @ 70°F (21°C)	—
LI45-22	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LI45-23	INPUT	POWER GROUND	GROUND	GROUND
LI45-24	INPUT	B BANK OXYGEN SENSOR	CLOSED LOOP: 0.1 – 0.9V SWING	—
LI45-25	OUTPUT	PURGE CONTROL (GROUND)	PURGE VALVE ON: GROUND	PURGE OFF: 12V
LI45-26	OUTPUT	AIR INJECTION CONTROL (GROUND)	AIR PUMP ON: GROUND	PUMP OFF: 12V
LI45-27	OUTPUT	B BANK INJECTORS 2,4,6 ON	0.2 MS @ IDLE	—
LI45-28	OUTPUT	B BANK INJECTORS 2,4,6 ON	0.2 MS @ IDLE	—
LI45-29	OUTPUT	B BANK INJECTORS 2,4,6 HOLD	2.3 MS @ IDLE	—
LI45-30	OUTPUT	A BANK INJECTORS 2,4,6 HOLD	2.3 MS @ IDLE	—
LI45-31	OUTPUT	A BANK INJECTORS 2,4,6 ON	0.2 MS @ IDLE	—
LI45-32	OUTPUT	A BANK INJECTORS 2,4,6 ON	0.2 MS @ IDLE	—
LI45-33	OUTPUT	FUEL FAIL OUTPUT (CHECK ENGINE)	LIGHT ON: GROUND	LIGHT OFF: 12V
LI45-34	INPUT	POWER GROUND	GROUND	GROUND
LI45-35	INPUT	POWER GROUND	GROUND	GROUND





□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

◇ FIG NUMBER REFERENCE

# FIG 26 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CRANKSHAFT POSITION SENSOR	FRONT OF ENGINE ON CHAIN COVER	ENGINE COMPARTMENT
DISTRIBUTOR	CENTER OF ENGINE VEE	ENGINE COMPARTMENT
ENGINE CONTROL MODULE: IGNITION	PASSENGER'S FOOTWELL	'A' POST TRIM
ENGINE SPEED SENSOR	FLYWHEEL COVER, LEFT SIDE OF ENGINE	BENEATH ENGINE
IDLE SWITCH	ON THROTTLE TURNTABLE	ENGINE COMPARTMENT
IGNITION COIL A	CENTER OF ENGINE VEE (RED IDENT)	ENGINE COMPARTMENT
IGNITION COIL B	CENTER OF ENGINE VEE (YELLOW IDENT)	ENGINE COMPARTMENT
INTAKE AIR TEMPERATURE SENSOR	'A' BANK AIR FILTER	ENGINE COMPARTMENT
POWER MODULE - A BANK	FRONT LEFT OF RADIATOR ON PANEL	ENGINE COMPARTMENT
POWER MODULE - B BANK	FRONT TIGHT OF RADIATOR ON PANEL	ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
EM1	2-WAY LUCAR (BLACK)	ON 'A' BANK AIR FILTER / AIR TEMPERATURE SENSOR
EM4	2-WAY MULTILOCK 70 (YELLOW)	BEHIND RIGHT 'A' POST FOOTWELL TRIM / SHORTING PLUG
EM8	4-WAY PACKARD (BLACK)	B BANK IGNITION COIL
EM9	4-WAY PACKARD (BLACK)	A BANK COIL
EM10	2-WAY AMP JT TYPE (BLACK)	REAR (BOTTOM) CENTER OF ENGINE / ENGINE SPEED SENSOR
EM11	25-WAY ECM CONNECTOR (BLACK)	RIGHT 'A' POST / IGNITION CONTROL MODULE
EM13	3-WAY PM5 (BLACK)	ENGINE VEE BELOW THROTTLE TURNTABLE / IDLE SWITCH
EM14	3-WAY PM 5 (BLACK)	LEFT REAR OF ENGINE / STRATEGY SELECTION LINK
EM16	2-WAY LUCAR (BLACK)	LEFT FRONT OF B BANK / CRANKSHAFT POSITION SENSOR
EM17	7-WAY LUCAR (BLACK)	FRONT LEFT OF RADIATOR ON PANEL / B BANK POWER MODULE
EM18	7-WAY LUCAR (BLACK)	FRONT RIGHT OF RADIATOR ON PANEL / A BANK POWER MODULE
LI89	6-WAY SUMITOMO SEALED (GREEN)	BELOW A BANK AIR FILTER ON 3-WAY BRACKET / FUEL INJECTION HARNESS
RF5	8-WAY ECONOSEAL III LC (BLACK)	RIGHT INNER FENDER BEHIND AIR FILTER / RIGHT FORWARD HARNESS

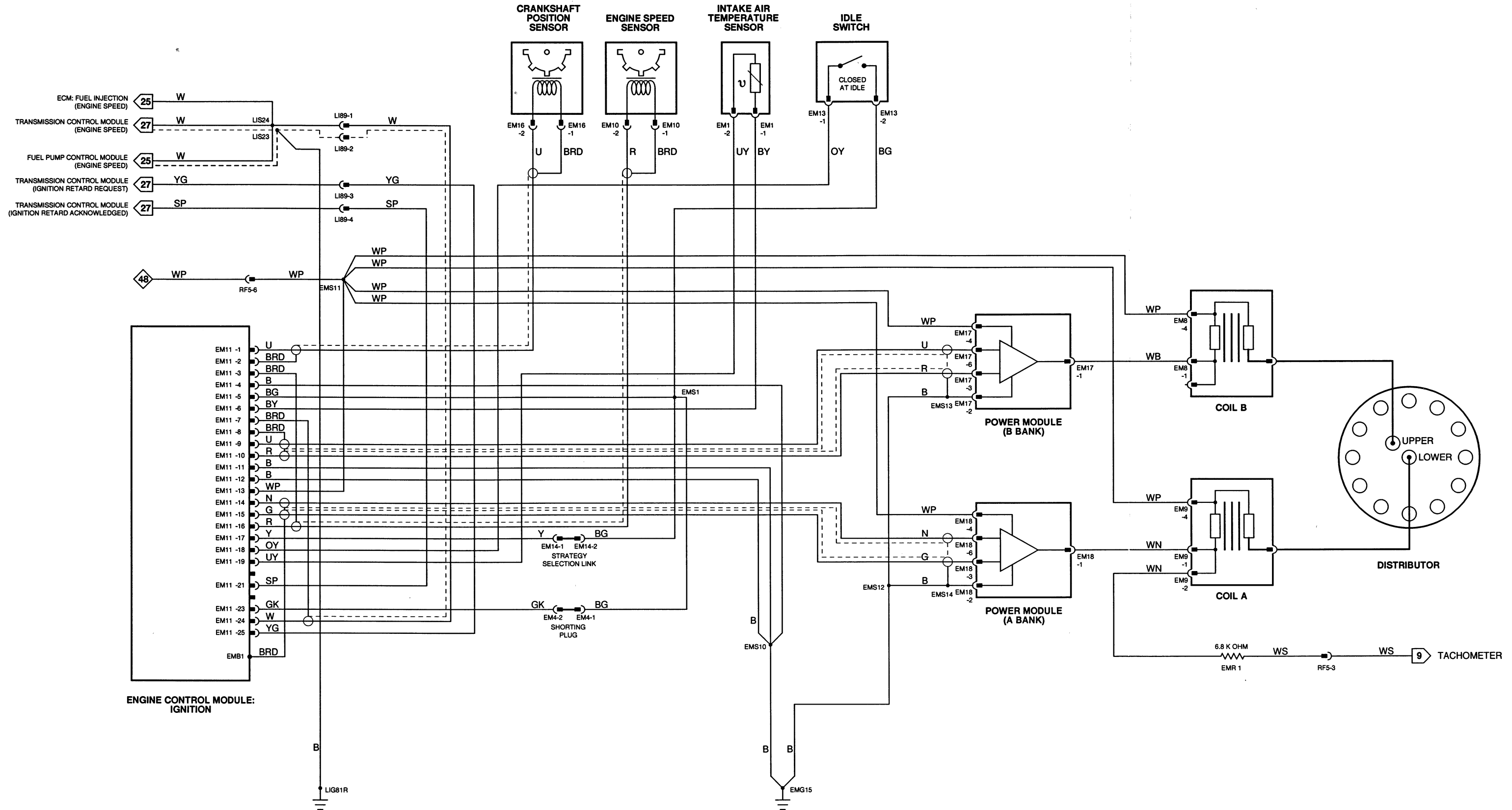
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
EMG15	EYELET	BEHIND RIGHT HEADLIGHT / POWER GROUND
LIG81R	EYELET	RIGHT BULKHEAD / POWER GROUND

## INPUTS / OUTPUTS

### ENGINE CONTROL MODULE: IGNITION

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
EM11-1	INPUT	CRANKSHAFT POSITION SENSOR	CRANKING: 0.9VAC 1000 RPM: 1.5VAC 2000 RPM: 2.7VAC	
EM11-2	INPUT	CRANKSHAFT POSITION SENSOR SHIELD	GROUND	GROUND
EM11-3	INPUT	ENGINE SPEED SENSOR SHIELD	GROUND	GROUND
EM11-4	INPUT	POWER GROUND	GROUND	GROUND
EM11-5	INPUT	IDLE SWITCH GROUND	GROUND	GROUND
EM11-6	INPUT	AIR TEMPERATURE SENSOR GROUND	GROUND	GROUND
EM11-7	OUTPUT	ENGINE SPEED SENSOR SHIELD	GROUND	GROUND
EM11-8	OUTPUT	POWER MODULE SHIELD	GROUND	GROUND
EM11-9	OUTPUT	B BANK POWER MODULE OUTPUT	KEY ON: 0.2V 1000 RPM: 2.4V 2000 RPM: 2.1V	
EM11-10	OUTPUT	B BANK POWER MODULE OUTPUT	20MVAC @ 1000 RPM INCREASES WITH RPM	
EM11-11	INPUT	POWER GROUND	GROUND	GROUND
EM11-12	INPUT	POWER GROUND	GROUND	GROUND
EM11-13	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
EM11-14	OUTPUT	A BANK POWER MODULE OUTPUT	KEY ON: 0.2V 1000 RPM: 2.4V 2000 RPM: 2.1V	
EM11-15	OUTPUT	A BANK POWER MODULE OUTPUT	20MVAC @ 1000 RPM INCREASES WITH RPM	
EM11-16	INPUT	ENGINE SPEED SENSOR	CRANKING: 0.9VAC 1000 RPM: 1.7VAC INCREASES WITH RPM	
EM11-17	INPUT	STRATEGY SELECT	LINK OUT: 10V	LINK IN: GROUND
EM11-18	INPUT	IDLE SWITCH	THROTTLE CLOSED: GROUND	THROTTLE OPEN: 10V
EM11-19	OUTPUT	AIR TEMPERATURE SENSOR	2.17V @ 70°F (21°C)	
EM11-21	OUTPUT	IGNITION RETARD ACKNOWLEDGE	PULSED SIGNAL	
EM11-23	OUTPUT	SHORTING PLUG	PLUG OUT: 10V	
EM11-24	OUTPUT	ENGINE SPEED	1000 RPM: 2.2VAC 2000 RPM: 3.2VAC	PLUG IN: GROUND
EM11-25	INPUT	IGNITION TIMING REQUEST	PULSED SIGNAL	



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 27 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BAROMETRIC PRESSURE SENSOR	RIGHT FRONT COMPONENT PANEL OPTIONAL PLACEMENT: BY TRANSMISSION CONTROL MODULE	RELAY COVER
KICKDOWN SWITCH	BENEATH ACCELERATOR PEDAL	DRIVER'S FOOTWELL CARPET
RELAY - STOP LIGHT (RH113)	LEFT REAR INNER WHEEL ARCH	TRUNK TRIM
RELAY - TRANSMISSION WARNING (LB280)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
STOP LIGHT SWITCH	ABOVE BRAKE PEDAL	LEFT UNDER DASH PEDAL
THROTTLE POSITION SENSOR	BELOW THROTTLE TURNTABLE	ENGINE COMPARTMENT
TRANSMISSION CONTROL MODULE	COUPE: PASSENGER'S 'B/C' POST CONV: ADJACENT TO BATTERY	'B/C' POST TRIM BATTERY TRIM
TRANSMISSION ELECTRICS		
INPUT AND OUTPUT SPEED SENSORS	LEFT SIDE OF TRANSMISSION CASE	
REMAINING ELECTRICS	ATTACHED TO VALVE BLOCK	
TRANSMISSION MODE SWITCH	CENTER CONSOLE	CENTER CONSOLE TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GL1	20-WAY MULTILOCK 40 (BLACK)	LOWER LEFT OF A/C OUTLET / TRANSMISSION HARNESS
GL2	2-WAY PACKARD (BLACK)	LEFT FRONT OF TRANSMISSION / INPUT SPEED SENSOR
GL3	2-WAY PACKARD (BLACK)	LEFT FRONT OF TRANSMISSION / INPUT SPEED SENSOR
GL4	14-WAY DEUTSCH (BLACK)	RIGHT REAR OF TRANSMISSION / TRANSMISSION CASE CONNECTOR
LB167	4-WAY SUMITOMO STD. (RED)	BENEATH STEERING COLUMN / STOP LIGHT SWITCH
LB266	PM 5 (PURPLE)	BEHIND ACCELERATOR PEDAL / KICKDOWN SWITCH
LB280	RELAY BASE (BLACK)	LEFT COMPONENT PANEL / TRANSMISSION WARNING RELAY
LI68	6-WAY SUMITOMO SEALED (BLACK)	CENTER OF VEE AT REAR / THROTTLE POSITION SENSOR
LI128	3-WAY PACKARD (BLUE)	RIGHT FRONT COMPONENT PANEL / BAROMETRIC PRESSURE SENSOR
LI129	24-WAY SUMITOMO BLOCK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / FUEL TO BULKHEAD HARNESS
LI146	6-WAY MULTILOCK 40 (BLACK)	BEHIND GEAR SELECTOR / MODE CONTROL SWITCH
LI147	24-WAY PACKARD (PURPLE)	COUPE: PASSENGER'S B/C POST / TRANSMISSION CONTROL MODULE CONV: ADJACENT TO BATTERY / TRANSMISSION CONTROL MODULE
LI148	32-WAY PACKARD (PURPLE)	COUPE: PASSENGER'S B/C POST / TRANSMISSION CONTROL MODULE CONV: ADJACENT TO BATTERY / TRANSMISSION CONTROL MODULE
RH113	RELAY BASE (YELLOW)	LEFT REAR INNER WHEEL ARCH / STOP LIGHT RELAY
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
ZD1	2-WAY MULTILOCK 70 (YELLOW)	COUPE: PASSENGER'S B/C POST / TCM STRATEGY SELECTION LINK CONV: ADJACENT TO BATTERY / TCM STRATEGY SELECTION LINK

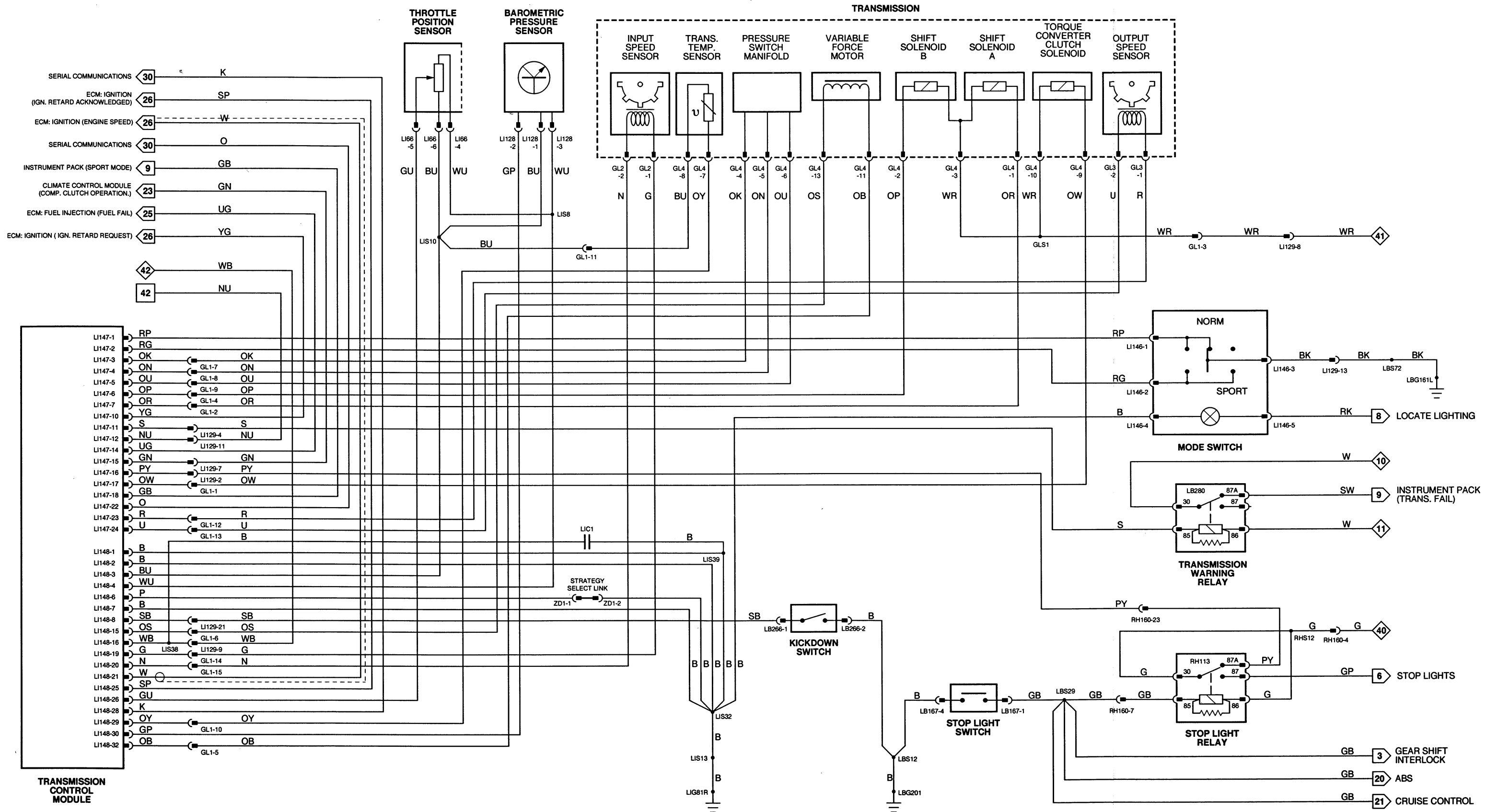
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161R	EYELET	LEFT TRANSMISSION TUNNEL BY A/C SUPPORT / POWER GROUND
LBG201	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LIG81R	EYELET	RIGHT BULKHEAD / POWER GROUND

## INPUTS / OUTPUTS

### TRANSMISSION CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LI147-1	INPUT	NORMAL MODE	NORMAL SELECTED: GROUND	SPORT: 12V
LI147-2	OUTPUT	SPORT MODE OUTPUT	SPORT SELECTED: GROUND	NORMAL: 12V
LI147-3	INPUT	GEAR CODE MODE A	R: GROUND	P, N, D, 3, 2, 1: 12V
LI147-4	INPUT	GEAR CODE MODE B	P, R, N, D: GROUND	3, 2: 12V
LI147-5	INPUT	GEAR CODE MODE C	D, 3: GROUND	P, R, N, 2: 12V
LI147-6	OUTPUT	SHIFT SOLENOID B	1: GROUND 2: 12V 3: GROUND 4: GROUND	
LI147-7	OUTPUT	SHIFT SOLENOID A	1: GROUND 2: 12V 3: GROUND 4: GROUND	
LI147-10	OUTPUT	IGNITION RETARD REQUEST	PULSED SIGNAL (11.5V)	
LI147-11	OUTPUT	TRANSMISSION FAIL OUTPUT	LIGHT ON: 12V	LIGHT OFF: OPEN CIRCUIT
LI147-12	INPUT	BATTERY POWER	12V	12V
LI147-14	INPUT	ENGINE FUEL FAIL	LIGHT ON: GROUND	LIGHT OFF: 12V
LI147-15	INPUT	COMPRESSOR CLUTCH ON	CLUTCH ON: 12V	CLUTCH OFF: OPEN CIRCUIT
LI147-16	INPUT	BRAKE LIGHT ON	BRAKE APPLIED: GROUND	BRAKE RELEASED: 12V
LI147-17	OUTPUT	TORQUE CONVERTER CLUTCH	TCC ON: GROUND	TCC OFF: 12V
LI147-18	OUTPUT	SPORT MODE INDICATOR	SPORT LIGHT ON: GROUND	SPORT LIGHT OFF: 12V
LI147-22	OUTPUT	DATA LINK SERIAL OUTPUT	PDU	
LI147-23	OUTPUT	OUTPUT SHAFT SPEED	0 MPH: 16MVAC 10 MPH: 4VAC 20 MPH: 7VAC	
LI147-24	OUTPUT	OUTPUT SHAFT SPEED	16 MVAC	
LI148-1	INPUT	POWER GROUND	GROUND	GROUND
LI148-2	INPUT	POWER GROUND	GROUND	GROUND
LI148-3	INPUT	SENSOR GROUND	GROUND	GROUND
LI148-4	OUTPUT	SENSOR SUPPLY VOLTAGE	KEY ON: 5V	OPEN CIRCUIT
LI148-6	INPUT	STRATEGY SELECT LINK	LINK IN: GROUND	LINK OUT: 12V
LI148-7	INPUT	POWER GROUND	GROUND	GROUND
LI148-8	INPUT	KICKDOWN SWITCH	KICKDOWN PRESSED: GROUND	KICKDOWN RELEASED: 12V
LI148-15	OUTPUT	FORCE MOTOR FEEDBACK	PULSED SIGNAL	DECREASES WITH LOAD
LI148-16	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LI148-19	INPUT	INPUT SHAFT SPEED	16 MVAC	
LI148-20	INPUT	INPUT SHAFT SPEED	NEUTRAL, 1000 RPM: 15VAC 1500 RPM: 26VAC 2000 RPM: 35VAC	
LI148-21	INPUT	ENGINE SPEED INPUT	NEUTRAL, 1000 RPM: 3.3VAC 1500 RPM: 2.8VAC 2000 RPM: 2.3VAC	
LI148-25	OUTPUT	IGNITION RETARD ACKNOWLEDGE	PULSED SIGNAL	
LI148-26	INPUT	THROTTLE POSITION SENSOR WIPER	THROTTLE CLOSED: 0.58 - 0.82V	KICKDOWN: 4.5V+
LI148-28	INPUT	DATA LINK SERIAL INPUT	PDU	
LI148-29	INPUT	TRANSMISSION FLUID TEMPERATURE	APPROX. 3500 Ω @ 70°F (21°C)	
LI148-30	INPUT	BAROMETRIC PRESSURE SENSOR	SEA LEVEL: 4.5V; 0.1V LESS FOR EACH 500 FT. ELEVATION	
LI148-32	OUTPUT	VARIABLE FORCE MOTOR	5V; DECREASES WITH LOAD	



BATTERY POWER (FIG 1)

IGNITION POWER (FIG 2)

FIG NUMBER REFERENCE

# FIG 28 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CONVERTIBLE TOP CONTROL MODULE	ADJACENT TO BATTERY AND PUMP UNIT	BATTERY TRIM
CONVERTIBLE TOP FUSE	ADJACENT TO BATTERY AND PUMP UNIT	BATTERY TRIM
CONVERTIBLE TOP MOTOR	ADJACENT TO BATTERY AND PUMP UNIT	BATTERY TRIM
CONVERTIBLE TOP SWITCH	CENTER CONSOLE	REMOVE TRIM
PARKING BRAKE SWITCH	PARKING BRAKE	REMOVE TRIM
QUARTER WINDOW MOTOR - LEFT	LEFT REAR WINDOW	BEHIND TRIM COVER
QUARTER WINDOW MOTOR - RIGHT	RIGHT REAR WINDOW	BEHIND TRIM COVER
RELAY - LEFT QUARTER DOWN (HH20)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - LEFT QUARTER UP (HH21)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - RIGHT QUARTER DOWN (HH24)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - RIGHT QUARTER UP (HH25)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - TOP DOWN (HH22)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - TOP UP (HH23)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
START INHIBIT SWITCH	ADJACENT TO GEARSHIFT	CENTER CONSOLE TRIM
THERMAL BREAKERS	LUGGAGE LOCKER	REMOVE COVER

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GS1	13-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT SIDE A/C OUTLET / GEARSHIFT HARNESS
GS2	.250 BLADE (WHITE)	ADJACENT TO GEAR SELECTOR LINKAGE / START INHIBIT SWITCH
GS3	.250 BLADE (WHITE)	ADJACENT TO GEAR SELECTOR LINKAGE / START INHIBIT SWITCH
HH18	2-WAY SPADE (WHITE)	AT TOP MOTOR / TOP MOTOR
HH19	2-WAY FUSEHOLDER (BLACK)	BETWEEN HOOD PUMP AND INNER FENDER / CONVERTIBLE TOP FUSE
HH20	RELAY BASE (WHITE)	CONVERTIBLE TOP COMPONENT PANEL / LEFT QUARTER DOWN RELAY
HH21	RELAY BASE (YELLOW)	CONVERTIBLE TOP COMPONENT PANEL / LEFT QUARTER UP RELAY
HH22	RELAY BASE (BLUE)	CONVERTIBLE TOP COMPONENT PANEL / TOP DOWN RELAY
HH23	RELAY BASE (GREEN)	CONVERTIBLE TOP COMPONENT PANEL / TOP UP RELAY
HH24	RELAY BASE (BLACK)	CONVERTIBLE TOP COMPONENT PANEL / RIGHT QUARTER DOWN RELAY
HH25	RELAY BASE (RED)	CONVERTIBLE TOP COMPONENT PANEL / RIGHT QUARTER UP RELAY
HH26	13-WAY SUMITOMO BLOCK (WHITE)	BELOW CONVERTIBLE TOP COMPONENT PANEL / CONVERTIBLE TOP CONTROL MODULE
HH27	.250 BLADE (BLACK)	FRONT OF CONV. TOP COMPONENT PANEL / LEFT QUARTER MOTOR THERMAL BREAKER
HH28	.250 BLADE (BLACK)	FRONT OF CONV. TOP COMPONENT PANEL / LEFT QUARTER MOTOR THERMAL BREAKER
HH29	.250 BLADE (BLACK)	REAR OF CONV. TOP COMPONENT PANEL / RIGHT QUARTER MOTOR THERMAL BREAKER
HH30	.250 BLADE (BLACK)	REAR OF CONV. TOP COMPONENT PANEL / RIGHT QUARTER MOTOR THERMAL BREAKER
HH31	6-WAY MULTILOCK 40 (WHITE)	BETWEEN RELAY MOUNTING BRACKET AND RR WHEEL ARCH / REAR HARNESS
HH32	6-WAY SUMITOMO STD. (WHITE)	BETWEEN RELAY MOUNTING BRACKET AND RR WHEEL ARCH / REAR HARNESS
RH133	.250 BLADE (WHITE)	PARKING BRAKE SWITCH / CONVERTIBLE TOP CONTROL MODULE
RH134	.250 BLADE (WHITE)	PARKING BRAKE SWITCH / CONVERTIBLE TOP CONTROL MODULE
RH145	3-WAY PM 5 (BLACK)	BEHIND REAR QUARTER TRIM / RIGHT QUARTER MOTOR
RH147	3-WAY PM 5 (BLACK)	BEHIND REAR QUARTER TRIM / LEFT QUARTER MOTOR
RH150	6-WAY AMP SOCKET (WHITE)	CENTER CONSOLE / CONVERTIBLE TOP SWITCH
RH161	20-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH174	13-WAY SUMITOMO BLOCK (WHITE)	BELOW LEFT A/C OUTLET / REARWARD HARNESS

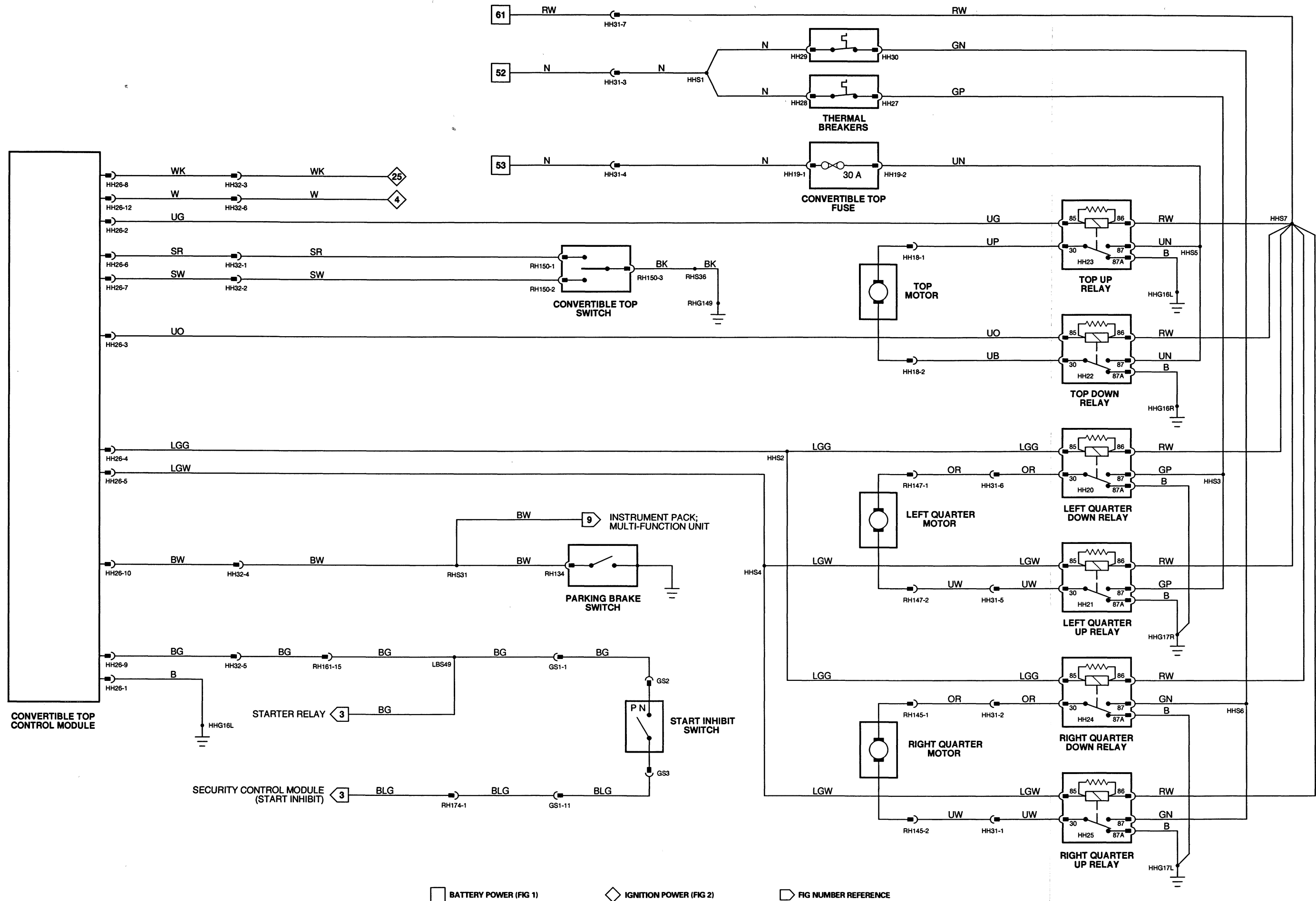
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
HHG16L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
HHG16R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
HHG17L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
HHG17R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND

## INPUTS / OUTPUTS

### CONVERTIBLE TOP CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
HH26-1	INPUT	POWER GROUND	GROUND	GROUND
HH26-2	OUTPUT	CONVERTIBLE TOP UP RELAY	GROUND	12V
HH26-3	OUTPUT	CONVERTIBLE TOP DOWN RELAY	GROUND	12V
HH26-4	OUTPUT	LEFT/RIGHT QUARTER DOWN RELAY	GROUND	12V
HH26-5	OUTPUT	LEFT/RIGHT QUARTER UP RELAY	GROUND AFTER 8 SEC. DELAY	12V
HH26-6	INPUT	CONVERTIBLE TOP SWITCH - UP	BUTTON IN: GROUND	BUTTON OUT: 5V
HH26-7	INPUT	CONVERTIBLE TOP SWITCH - DOWN	BUTTON IN: GROUND	BUTTON OUT: 5V
HH26-8	INPUT	IGNITION SWITCHED POWER	12V	0V
HH26-9	INPUT	PARKING BRAKE SWITCH	BRAKE ON: GROUND	OFF: 12V
HH26-10	INPUT	START INHIBIT SWITCH	"P" OR "N": GROUND	"D" OR "R": 12V
HH26-12	INPUT	IGNITION SWITCHED POWER	12V	0V



# FIG 29 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DIODE - LBD10	BULKHEAD HARNESS BEHIND RIGHT SIDE COMPONENT PANEL	PASSENGER'S LOWER DASH PANEL
DOOR SWITCH - DRIVER'S	DRIVER'S 'A' POST	LEFT UNDER DASH PANEL
DOOR SWITCH - PASSENGER'S	PASSENGER'S 'A' POST	RIGHT UNDER DASH PANEL
MULTI-FUNCTION UNIT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - HEADLIGHT FLASH (LB293)	LEFT BLOWER MOTOR	LEFT UNDER DASH PANEL
SECURITY LED	CIGAR LIGHTER BEZEL	CENTER CONSOLE TRIM
SECURITY SOUNDER	LEFT FRONT WHEEL ARCH	WHEEL ARCH TRIM
SECURITY SYSTEM ANTENNA	BEHIND RIGHT QUARTER MOTOR TRIM PANEL	REMOVE QUARTER WINDOW TRIM
SECURITY CONTROL MODULE	RIGHT TAIL LIGHT CLUSTER	LENS TRIM PANEL
TRUNK LIGHT SWITCH	TRUNK LATCH ASSEMBLY	REMOVE LATCH
VALET SWITCH		

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / REARWARD HARNESS
BL12	2-WAY AMP (WHITE)	ABOVE TRUNK LATCH MECHANISM / TRUNK LIGHT SWITCH
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER HARNESS
CH20	2-WAY MULTILOCK 40 (GREEN)	BELOW CIGAR LIGHTER BEZEL / SECURITY LED
CH21	4-WAY MULTILOCK 40 (BLACK)	REAR EDGE OF CENTER CONSOLE / SECURITY SWITCH (IF FIT)
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI-FUNCTION UNIT
LB140	2-WAY SUMITOMO STD. (RED)	RIGHT UNDER DASH PANEL, 6" FROM 'A' POST / PASSENGER'S DOOR SWITCH
LB188	2-WAY SUMITOMO STD. (WHITE)	LEFT UNDER DASH PANEL, 6" FROM 'A' POST / DRIVER'S DOOR SWITCH
LB293	RELAY BASE (GREEN)	LEFT COMPONENT PANEL / HEADLIGHT FLASH RELAY
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF44	PM 5 (BLUE)	LEFT FRONT INNER WHEEL ARCH / SOUNDER
PS1	16-WAY SUMITOMO BLOCK (BLACK)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH174	13-WAY SUMITOMO BLOCK (WHITE)	BELOW LEFT A/C OUTLET / SECURITY SYSTEM HARNESS
RH177	16-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH178	12-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH179	20-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH190	20-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LGB161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RHG105L	EYELET	LEFT REAR WHEEL ARCH / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
RHG156	EYELET	BEHIND RIGHT REAR TAIL LIGHT CLUSTER / POWER GROUND

## INPUTS / OUTPUTS

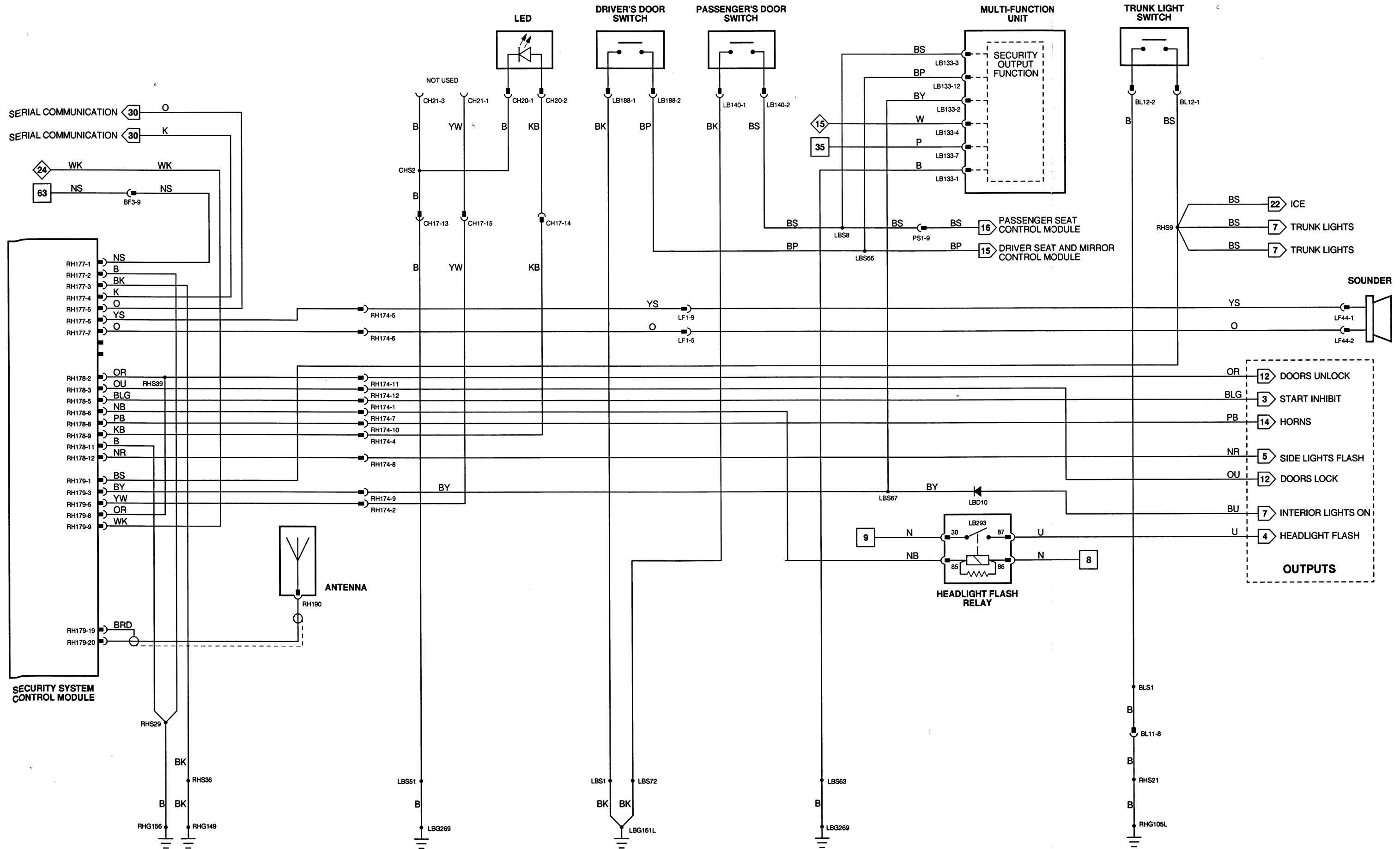
### SECURITY CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RH177-1	INPUT	BATTERY POWER	12V	12V
RH177-2	INPUT	POWER GROUND	GROUND	GROUND
RH177-3	INPUT	POWER GROUND	GROUND	GROUND
RH177-4	INPUT	SERIAL COMMUNICATIONS	PDU	—
RH177-5	OUTPUT	SERIAL COMMUNICATIONS	PDU	—
RH177-6	OUTPUT	SOUNDER (1/2 PUSH/PULL SYSTEM)	PULSED VOLTAGE	PULSED VOLTAGE
RH177-7	OUTPUT	SOUNDER (1/2 PUSH/PULL SYSTEM)	PULSED VOLTAGE	PULSED VOLTAGE
RH178-2	OUTPUT	DOORS UNLOCK	UNLOCKED: GROUND	LOCKED: PULSE TO 4V
RH178-3	OUTPUT	DOORS LOCK	LOCKED: GROUND	UNLOCKED: 3MV
RH178-5	OUTPUT	START INHIBIT	STARTER CIRCUIT INHIBITED: 12V	STARTER CIRCUIT ENABLED: GROUND
RH178-6	OUTPUT	HEADLIGHTS FLASH	LIGHTS ON: GROUND	LIGHTS OFF: 12V
RH178-8	OUTPUT	HORNS	HORNS ON: GROUND	HORNS OFF: 12V
RH178-9	OUTPUT	SECURITY LED	LED ON: 2V	LED OFF: 5MV
RH178-11	INPUT	POWER GROUND	GROUND	GROUND
RH178-12	OUTPUT	SIDELIGHTS FLASH	LIGHTS ON: GROUND	LIGHTS OFF: 12V
RH179-1	INPUT	TRUNK LIGHT SWITCH	TRUNK OPEN: GROUND	TRUNK CLOSED: 12V
RH179-3	INPUT	DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 5V
RH179-5	INPUT	VALET SWITCH	GROUND	OPEN CIRCUIT
RH179-8	OUTPUT	DOORS UNLOCK	UNLOCK: GROUND	LOCK: PULSE TO 4V
RH179-9	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
RH179-19	OUTPUT	ANTENNA SHIELD	GROUND	GROUND
RH179-20	INPUT	ANTENNA	—	—

### MULTI-FUNCTION UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-2	OUTPUT	DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 4V
LB133-3	INPUT	PASSENGER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-12	INPUT	DRIVER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V





# FIG 30 DATA

## COMPONENTS

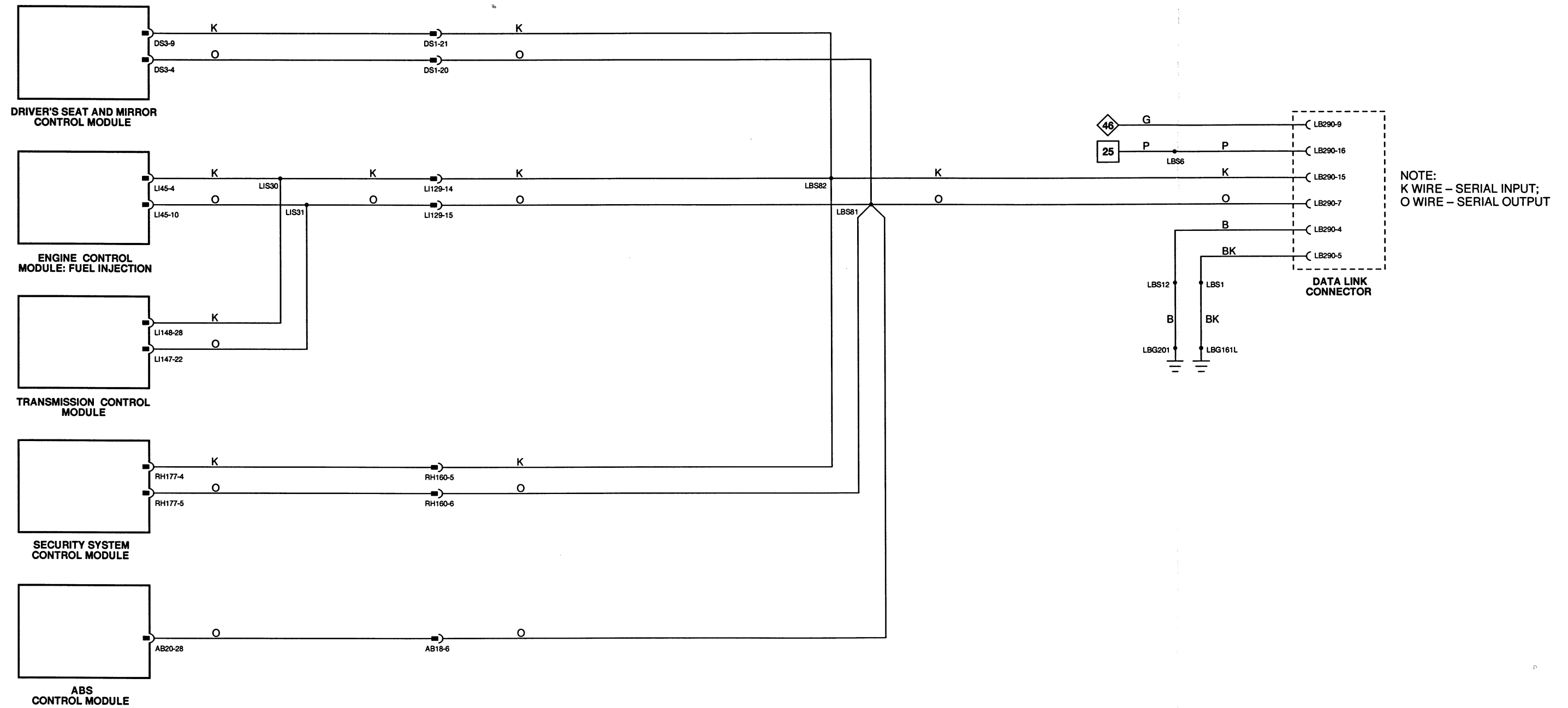
DESCRIPTION	LOCATION	ACCESS
ABS CONTROL MODULE	ENGINE COMPARTMENT, RIGHT REAR	ENGINE COMPARTMENT
DATA LINK CONNECTOR	ADJACENT TO HOOD RELEASE	DRIVER'S FOOTWELL
ENGINE CONTROL MODULE: FUEL INJECTION	RIGHT 'A' POST	RIGHT 'A' POST TRIM
SEAT AND MIRROR CONTROL MODULE - DRIVER'S	FRONT OF DRIVER'S SEAT	REMOVE FOOTWELL COVER
SECURITY CONTROL MODULE	BEHIND RIGHT TAIL LIGHT CLUSTER	RIGHT TAIL LIGHT TRIM
TRANSMISSION CONTROL MODULE	COUPE: PASSENGER'S 'B/C' POST CONV.: ADJACENT TO BATTERY	'B/C' POST TRIM BATTERY TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AB18	8-WAY SUMITOMO STD. (RED)	BELOW LEFT A/C OUTLET / ABS HARNESS
AB20	28-WAY FORD GTE (SLATE)	ENGINE BAY, UNDER ABS MODULATOR / ABS CONTROL MODULE
DS1	24-WAY SUMITOMO BLOCK (WHITE)	LEFT 'A' POST / DRIVER'S SEAT HARNESS
DS3	12-WAY AMP PCB POWER (BLACK)	DRIVER'S FOOTWELL / DRIVER'S SEAT AND MIRROR CONTROL MODULE
LB290	16-WAY AMP OBD II (SLATE)	ADJACENT TO HOOD RELEASE LEVER / DATA LINK CONNECTOR
L145	35-WAY AMP CONNECTOR (BLACK)	RIGHT REAR INNER WHEEL ARCH / FUEL INJECTION ENGINE CONTROL MODULE
L1129	24-WAY SUMITOMO BLACK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / SERIAL LINK HARNESS
L1147	24-WAY PACKARD (PURPLE)	COUPE: PASSENGER'S B/C POST / TRANSMISSION CONTROL MODULE CONV: ADJACENT TO BATTERY/ TRANSMISSION CONTROL MODULE
L1148	32-WAY PACKARD (PURPLE)	COUPE: PASSENGER'S B/C POST / TRANSMISSION CONTROL MODULE
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH177	16-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT / SECURITY CONTROL MODULE

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND



# FIG 31 DATA

## COMPONENTS

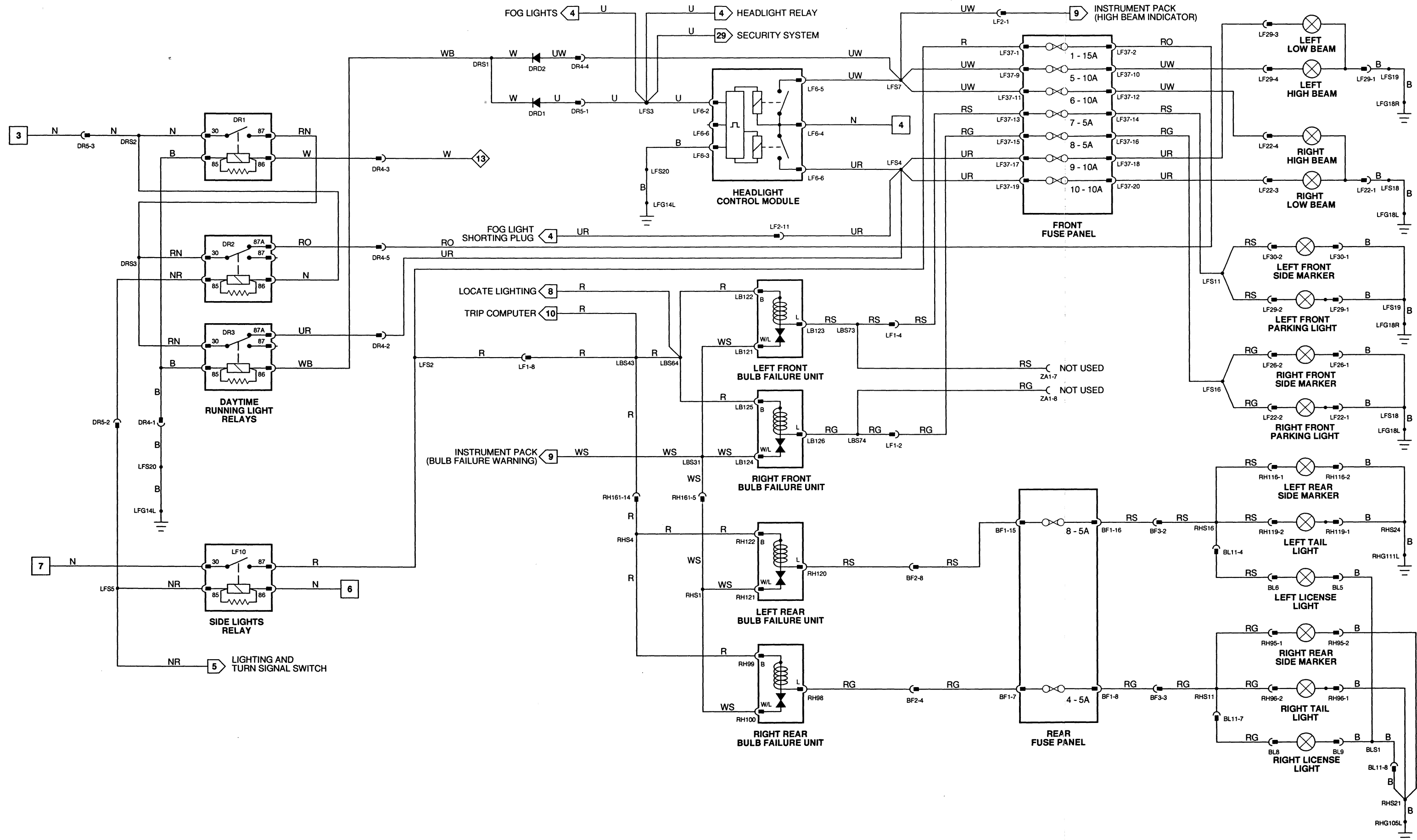
DESCRIPTION	LOCATION	ACCESS
BULB FAILURE UNIT - LEFT FRONT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
BULB FAILURE UNIT - LEFT REAR	LEFT TAIL LIGHT	TRUNK, LEFT LIGHT TRIM
BULB FAILURE UNIT - RIGHT FRONT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
BULB FAILURE UNIT - RIGHT REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
DIODE - DRD1	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
DIODE - DRD2	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
FUSE PANEL - FRONT	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
FUSE PANEL - REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
HEADLIGHT CONTROL MODULE	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
RELAY - DAYTIME RUNNING LIGHTS (DR1)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - DAYTIME RUNNING LIGHTS (DR2)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - DAYTIME RUNNING LIGHTS (DR3)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - SIDE LIGHTS (LF10)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BF1	FUSE PANEL CONNECTOR (BLACK)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF2	12-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF3	10-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
BL5	.187 BLADE (WHITE)	LEFT REAR LICENSE / LEFT LICENSE BULB
BL6	.187 BLADE (WHITE)	LEFT REAR LICENSE / LEFT LICENSE BULB
BL8	.187 BLADE (WHITE)	RIGHT REAR LICENSE / RIGHT LICENSE BULB
BL9	.187 BLADE (WHITE)	RIGHT REAR LICENSE / RIGHT LICENSE BULB
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / REAR LIGHTING HARNESS GROUND
DR1	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / DAYTIME RUNNING LIGHTS RELAY
DR2	RELAY BASE (PURPLE)	LEFT FRONT COMPONENT PANEL / DAYTIME RUNNING LIGHTS RELAY
DR3	RELAY BASE (PURPLE)	LEFT FRONT COMPONENT PANEL / DAYTIME RUNNING LIGHTS RELAY
DR4	6-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT INNER FENDER / DAYTIME RUNNING LIGHTS HARNESS
DR5	4-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT INNER FENDER / DAYTIME RUNNING LIGHTS HARNESS
LB121	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB122	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB123	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB124	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LB125	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LB126	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LF1	16-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / BULKHEAD HARNESS
LF2	13-WAY SUMITOMO BLOCK (WHITE)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF6	6-WAY AMP (BLACK)	LEFT FRONT COMPONENT PANEL / HEADLIGHT CONTROL MODULE
LF10	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / SIDELIGHTS RELAY
LF22	4-WAY SUMITOMO SEALED (GREEN)	RIGHT RADIATOR SUPPORT / RIGHT FRONT PARKING LIGHTS
LF26	2-WAY SUMITOMO SEALED (BLUE)	BEHIND RIGHT FRONT SIDE MARKER / RIGHT FRONT SIDE MARKER BULB
LF29	4-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT INNER WHEEL ARCH / LEFT FRONT PARKING LIGHTS
LF30	2-WAY SUMITOMO SEALED (BLUE)	BEHIND LEFT FRONT SIDE MARKER / LEFT FRONT SIDE MARKER BULB
LF37	FUSE PANEL CONNECTOR (BLACK)	LEFT FRONT COMPONENT PANEL / LEFT FRONT FUSE PANEL
RH95	2-WAY SUMITOMO SEALED (BLUE)	RIGHT REAR SIDE MARKER / RIGHT SIDE MARKER BULB
RH96	4-WAY SUMITOMO STD. (WHITE)	RIGHT TAIL LIGHT / RIGHT TAIL LIGHT
RH98	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH99	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH100	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH116	2-WAY SUMITOMO SEALED (BLUE)	LEFT REAR SIDE MARKER / LEFT SIDE MARKER BULB
RH119	4-WAY SUMITOMO STD. (WHITE)	LEFT TAIL LIGHT / LEFT TAIL LIGHT
RH120	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAIL. UNIT - LEFT REAR
RH121	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAIL. UNIT - LEFT REAR
RH122	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAIL. UNIT - LEFT REAR
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LFG14L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFG18L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFG18R	EYELET	TOP RIGHT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG105	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG111L	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

○ FIG NUMBER REFERENCE